



**YUASA**

***PRODUCT***

***RANGE***

***OVERVIEW***

**The world's leading battery manufacturer**



# From the deep sea to outer space



**The GS Yuasa Group consists of 65 subsidiaries and 33 affiliates in countries throughout the world.**

Since its founding in 1895, the GS Yuasa Group has continually contributed to economic development and the improvement of living standards through the development and manufacture of batteries, power supply systems and lighting equipment. We are a major force in the market as one of the world's leading manufacturers of automotive and motorcycle batteries. As a supplier of high-performance power supply systems, we help ensure the reliability of social infrastructure.

Responding to today's increasingly sophisticated needs our extensive range of next generation energy system lithium-ion batteries encompasses not only vehicle use but also products in a wide range of fields, from deep sea to aerospace, to meet the ever more sophisticated needs of the times.

Throughout its long history, the GS Yuasa Group has worked to create innovative technology. This commitment serves as the foundation for our continuing efforts to explore new possibilities in the field of electrical energy under a corporate vision expressed in the words "Innovation and Growth."

# Yuasa Europe

- 1 Yuasa Battery Europe Limited  
Ebbw Vale
- 2 Yuasa Battery Sales (UK) Ltd  
Swindon
- 3 Yuasa Battery (Europe) GMBH  
Düsseldorf
- 4 Yuasa Battery France SA  
Lyon
- 5 Yuasa Italy SRL  
Milan
- 6 Yuasa Iberia  
Madrid
- Yuasa Battery (UK) Ltd Factory  
Ebbw Vale



**GS Yuasa are original equipment suppliers to the world's leading vehicle manufacturers.**

Automotive & Commercial



Motorcycle & Powersports



# Next Generation Automotive Batteries - Micro Hybrid, Hybrid & Electric Vehicles

| Yuasa Number | Case Type | Voltage | Capacity at 20-hour Rate (Ah) | Cold Cranking Performance (Amps) EN1 | Cell Layout | Terminal | Container Features | Dimensions (mm) |       |        | Mean Weight with Acid (kg) | Recommended Charge Rate (Amps) | Handles | End-Venting | State of Charge Indicator | Semi Traction Features |
|--------------|-----------|---------|-------------------------------|--------------------------------------|-------------|----------|--------------------|-----------------|-------|--------|----------------------------|--------------------------------|---------|-------------|---------------------------|------------------------|
|              |           |         |                               |                                      |             |          |                    | Length          | Width | Height |                            |                                |         |             |                           |                        |

## YBX9000 AGM START STOP PLUS BATTERIES

|         |            |     |     |     |   |    |    |     |     |     |      |   |   |   |  |   |
|---------|------------|-----|-----|-----|---|----|----|-----|-----|-----|------|---|---|---|--|---|
| YBX9012 | L1 DIN AGM | 12V | 50  | 520 | 0 | T1 | B3 | 207 | 175 | 190 | 15.9 | 3 | • | • |  | • |
| YBX9027 | L2 DIN AGM | 12V | 60  | 680 | 0 | T1 | B3 | 242 | 175 | 190 | 16.7 | 4 | • | • |  | • |
| YBX9096 | L3 DIN AGM | 12V | 70  | 760 | 0 | T1 | B3 | 278 | 175 | 190 | 19.5 | 4 | • | • |  | • |
| YBX9115 | L4 DIN AGM | 12V | 80  | 800 | 0 | T1 | B3 | 317 | 175 | 190 | 21.9 | 5 | • | • |  | • |
| YBX9019 | L5 DIN AGM | 12V | 95  | 850 | 0 | T1 | B3 | 353 | 175 | 190 | 27   | 5 | • | • |  | • |
| YBX9020 | L6 DIN AGM | 12V | 105 | 950 | 0 | T1 | B3 | 393 | 175 | 190 | 29   | 6 | • | • |  | • |



### Features

- Approximately 360,000 starts
- For high specification Start/Stop vehicles
- Absorbed Glass Mat construction with no free acid
- Double lid (Leak/spill proof)
- VRLA
- Integrated flame arrestor
- OE Quality, Performance & Specification

### Performance

Compared to Conventional Automotive Batteries

- +150% improved Dynamic Charge Acceptance (DCA)
- +200% increased cyclic durability

**AGM**



## YBX7000 EFB START STOP BATTERIES

|         |                         |     |    |     |   |       |    |     |     |     |      |   |   |   |   |  |
|---------|-------------------------|-----|----|-----|---|-------|----|-----|-----|-----|------|---|---|---|---|--|
| YBX7054 | B20 JIS EFB (M42)       | 12V | 40 | 340 | 0 | T1/T3 | N  | 197 | 128 | 227 | 11.5 | 2 |   |   |   |  |
| YBX7055 | B20 JIS EFB (M42R)      | 12V | 40 | 340 | 1 | T1/T3 | N  | 197 | 128 | 227 | 11.5 | 2 |   |   |   |  |
| YBX7053 | B24 JIS EFB (N55)       | 12V | 45 | 370 | 0 | T1/T3 | N  | 238 | 128 | 227 | 13   | 3 |   |   |   |  |
| YBX7027 | L2 DIN EFB              | 12V | 60 | 560 | 0 | T1    | B3 | 242 | 175 | 190 | 16.6 | 4 | • | • | • |  |
| YBX7005 | D23 JIS EFB (Q55/Q85)   | 12V | 64 | 620 | 0 | T1    | N  | 232 | 173 | 225 | 17.5 | 4 |   |   |   |  |
| YBX7014 | D23 JIS EFB (Q55R/Q85R) | 12V | 64 | 620 | 1 | T1    | N  | 232 | 173 | 225 | 17.5 | 4 |   |   |   |  |
| YBX7100 | LB3 DIN EFB             | 12V | 65 | 650 | 0 | T1    | B3 | 278 | 175 | 175 | 17.4 | 4 | • | • | • |  |
| YBX7096 | L3 DIN EFB              | 12V | 70 | 650 | 0 | T1    | B3 | 278 | 175 | 190 | 19.3 | 4 | • | • | • |  |
| YBX7030 | D26 JIS EFB (S85/S95)   | 12V | 72 | 760 | 0 | T1    | N  | 260 | 173 | 225 | 19.5 | 4 |   |   |   |  |
| YBX7031 | D26 JIS EFB (S85R/S95R) | 12V | 72 | 760 | 1 | T1    | N  | 260 | 173 | 225 | 19.5 | 4 |   |   |   |  |
| YBX7110 | LB4 DIN EFB             | 12V | 75 | 730 | 0 | T1    | B3 | 317 | 175 | 175 | 20.1 | 4 | • | • | • |  |
| YBX7115 | L4 DIN EFB              | 12V | 80 | 730 | 0 | T1    | B3 | 317 | 175 | 190 | 20.8 | 5 | • | • | • |  |
| YBX7335 | D31 JIS EFB (T110)      | 12V | 80 | 780 | 0 | T1    | N  | 305 | 173 | 225 | 22.5 | 4 |   |   |   |  |



### Features

- Approximately 270,000 starts
- For lower specification Start/Stop vehicles
- Sealed tip/tilt double lid
  - Reduces water loss by up to 30%
  - VDA roll over test compliant\*
- High charge acceptance envelope type separators and anti-sulphation technology
- Carbon/Lithium plate additives
- Integrated flame arrestor
- OE Quality, Performance & Specification

### Performance

Compared to Conventional Automotive Batteries

- +170% improved Dynamic Charge Acceptance (DCA)
- +100% increased cyclic durability

**EFB**



\*German Association of the Automotive Industry

# Auxiliary Batteries and Advanced Battery Fitting System

| Yuasa Number | Case Type | Voltage | Capacity at 20-hour Rate (Ah) | Cold Cranking Performance (Amps) EN1 | Cell Layout | Terminal | Container Features | Dimensions (mm) |       |        | Recommended Charge Rate (Amps) | Handles | End-Venting | State of Charge Indicator | Semi Traction Features |
|--------------|-----------|---------|-------------------------------|--------------------------------------|-------------|----------|--------------------|-----------------|-------|--------|--------------------------------|---------|-------------|---------------------------|------------------------|
|              |           |         |                               |                                      |             |          |                    | Length          | Width | Height |                                |         |             |                           |                        |

## YUASA AUXILIARY, BACKUP & SPECIALIST BATTERIES

|              |                             |     |      |     |   |     |   |     |     |      |      |     |   |   |  |   |
|--------------|-----------------------------|-----|------|-----|---|-----|---|-----|-----|------|------|-----|---|---|--|---|
| NP1.2-12     | IND AGM                     | 12V | 1.2  | NA  | 3 | A   | N | 97  | 48  | 54.5 | 0.6  | 0.1 |   |   |  | • |
| NP7-12       | IND AGM                     | 12V | 7    | NA  | 4 | A/D | N | 151 | 65  | 97.5 | 2.7  | 1   |   |   |  | • |
| YB4L-B(CP)   | MC                          | 12V | 4.2  | 45  | 0 | 5   | N | 120 | 70  | 92   | 1.7  | 0.4 |   |   |  |   |
| YTX4L-BS(CP) | MC AGM                      | 12V | 3.2  | 50  | 0 | 5   | N | 114 | 71  | 86   | 1.6  | 0.4 |   |   |  | • |
| YTX9-BS(CP)  | MC AGM                      | 12V | 8.4  | 135 | 1 | 5   | N | 151 | 88  | 106  | 3    | 0.9 |   |   |  | • |
| YTX14-BS(CP) | MC AGM                      | 12V | 12.6 | 200 | 1 | 5   | N | 151 | 88  | 146  | 4.6  | 1.4 |   |   |  | • |
| 44B19L       | B19 JIS                     | 12V | 40   | 340 | 0 | T1  | N | 187 | 127 | 225  | 9.5  | 2   |   |   |  |   |
| HJ-LB20L     | B20 JIS AGM (R33 Skyline)   | 12V | 35   | 272 | 0 | T3  | N | 198 | 130 | 202  | 10.5 | 2   |   | • |  | • |
| HJ-LD26L     | D26 JIS AGM (R33/4 Skyline) | 12V | 55   | 450 | 0 | T1  | N | 260 | 173 | 202  | 18   | 4   |   | • |  | • |
| HJ-A24L      | A24 JIS AGM (MX5)           | 12V | 40   | 310 | 0 | T1  | N | 238 | 129 | 187  | 10.7 | 2   |   |   |  | • |
| HJ-S34B20L   | B20 JIS AGM                 | 12V | 35   | 272 | 0 | T3  | N | 197 | 129 | 227  | 10.5 | 2   | • |   |  | • |
| HJ-S34B20L-A | B20 JIS AGM                 | 12V | 35   | 272 | 0 | T3  | N | 197 | 129 | 227  | 10.5 | 2   | • | • |  | • |
| HJ-S34B20R   | B20 JIS AGM                 | 12V | 35   | 272 | 1 | T3  | N | 197 | 129 | 227  | 10.5 | 2   | • |   |  | • |
| HJ-S46B24R   | B24 JIS AGM                 | 12V | 46   | 310 | 1 | T3  | N | 238 | 129 | 227  | 12.7 | 3   | • |   |  | • |



### Features

- 9 AGM auxiliary batteries
- 2 Flooded auxiliary batteries
- 3 AGM starter batteries

### Fitment examples

- Toyota, Honda & Lexus Hybrids
- Mercedes E & S Class
- Volvo DRiVe
- BMW 7 series
- Mitsubishi & PSA Electric Vehicle

## Advanced Battery Fitting System

**With the introduction of new CO<sub>2</sub> production control systems such as smart charging and Idle Start/Stop (ISS) it is essential that vehicles have the correct battery type and specification installed.**

Combining the Yuasa Yu-Fit tool and the powerful Yuasa online fitting system gives installers the complete battery replacement solution for modern start-stop & micro hybrid vehicles.

<http://batterylookup.yuasa.co.uk/>

- Battery selection by VRM lookup\*
- Battery location information
- Estimated fitting time
- Detailed step by step workshop fitting instructions
- Yu-Fit tool for battery to vehicle registration in under 5 minutes
- Always up-to-date with the latest vehicles

\*unavailable in some countries



**THE WORLD'S LEADING BATTERY MANUFACTURER**

**Your Vehicle**  
BMW 5 520 d Diesel

Yu-Fit Required: Yes  
Note 1: OK battery is AGM. Only replace with AGM battery.  
Equipment: Start-stop function. Brake energy recovery.  
Body type: Saloon

**Yuasa - YBX9019**  
AGM Start-Stop Plus Battery

- Capacity (20hr): 95 Ah
- Starting Power - CCA (EN): 850 Amps
- Estimated fitting time: 30 minutes
- Dimensions (mm): L-352, W-175, H-190
- Battery location: Luggage compartment

**CAUTION**  
This battery is designed for use in vehicles with AGM battery.

RRP (Price includes VAT)  
**£235.95** (€284.95)

[View fitting information](#)

# Conventional Automotive Batteries

| Yuasa Number | Case Type | Voltage | Capacity at 20-hour Rate (Ah) | Cold Cranking Performance (Amps) EN1 | Cell Layout | Terminal | Container Features | Dimensions (mm) |       |        | Mean Weight with Acid (kg) | Recommended Charge Rate (Amps) | Handles | End-Venting | State of Charge Indicator | Semi Traction Features |
|--------------|-----------|---------|-------------------------------|--------------------------------------|-------------|----------|--------------------|-----------------|-------|--------|----------------------------|--------------------------------|---------|-------------|---------------------------|------------------------|
|              |           |         |                               |                                      |             |          |                    | Length          | Width | Height |                            |                                |         |             |                           |                        |

## YBX5000 SILVER HIGH PERFORMANCE SMF BATTERIES

|         |         |     |     |     |   |       |       |     |     |     |      |   |   |   |   |  |
|---------|---------|-----|-----|-----|---|-------|-------|-----|-----|-----|------|---|---|---|---|--|
| YBX5053 | B24 JIS | 12V | 48  | 430 | 0 | T1/T3 | N     | 238 | 129 | 223 | 12.1 | 3 | • | • | • |  |
| YBX5057 | B24 JIS | 12V | 48  | 430 | 1 | T1/T3 | N     | 238 | 129 | 223 | 12.1 | 3 | • | • | • |  |
| YBX5063 | LB1 DIN | 12V | 50  | 480 | 0 | T1    | B3/B4 | 207 | 175 | 175 | 12.1 | 3 | • | • | • |  |
| YBX5012 | L1 DIN  | 12V | 52  | 480 | 0 | T1    | B3    | 207 | 175 | 190 | 13.7 | 4 | • | • | • |  |
| YBX5075 | LB2 DIN | 12V | 60  | 620 | 0 | T1    | B3/B4 | 243 | 175 | 175 | 14.4 | 4 | • | • | • |  |
| YBX5027 | L2 DIN  | 12V | 62  | 620 | 0 | T1    | B3/B4 | 243 | 175 | 190 | 16.1 | 4 | • | • | • |  |
| YBX5005 | D23 JIS | 12V | 65  | 550 | 0 | T1    | N     | 232 | 175 | 225 | 15.7 | 4 | • | • | • |  |
| YBX5100 | LB3 DIN | 12V | 75  | 680 | 0 | T1    | B3/B4 | 278 | 175 | 175 | 17.3 | 4 | • | • | • |  |
| YBX5096 | L3 DIN  | 12V | 80  | 760 | 0 | T1    | B3    | 278 | 175 | 190 | 18.8 | 4 | • | • | • |  |
| YBX5110 | LB4 DIN | 12V | 85  | 800 | 0 | T1    | B3    | 317 | 175 | 175 | 19.4 | 5 | • | • | • |  |
| YBX5334 | D31 JIS | 12V | 95  | 830 | 1 | T1    | B1    | 303 | 174 | 222 | 21.9 | 5 | • | • | • |  |
| YBX5335 | D31 JIS | 12V | 95  | 830 | 0 | T1    | B1    | 303 | 174 | 222 | 21.9 | 5 | • | • | • |  |
| YBX5019 | L5 DIN  | 12V | 100 | 900 | 0 | T1    | B3    | 353 | 175 | 190 | 23.4 | 6 | • | • | • |  |
| YBX5020 | L6 DIN  | 12V | 110 | 900 | 0 | T1    | B3    | 393 | 175 | 190 | 26.7 | 6 | • | • | • |  |



### Features

- Approximately 50,000 starts
- Sealed tip/tilt double lid
  - Reduces water loss by up to 30%
  - VDA roll over test compliant\*
- Calcium/Calcium plates
- State of Charge Indicator (SOC)
- Integrated carrying handle & flame arrestor
- OE Quality, Performance & Specification

### Performance

- Up to 35% increase in cranking power\*\*

\*German Association of the Automotive Industry \*\*YBX1063 350 CCA YBX5063 480 CCA

## YBX3000 SMF BATTERIES

|         |          |     |    |     |   |       |       |     |     |     |      |   |   |   |   |  |
|---------|----------|-----|----|-----|---|-------|-------|-----|-----|-----|------|---|---|---|---|--|
| YBX3009 | B17 JIS  | 12V | 30 | 280 | 0 | T3    | N     | 167 | 127 | 224 | 8.6  | 2 | • | • | • |  |
| YBX3054 | B19 JIS  | 12V | 36 | 330 | 0 | T1/T3 | N     | 187 | 127 | 223 | 9    | 2 | • | • | • |  |
| YBX3055 | B19 JIS  | 12V | 36 | 330 | 1 | T1/T3 | N     | 187 | 127 | 223 | 9    | 2 | • | • | • |  |
| YBX3056 | B19 JIS  | 12V | 36 | 330 | 0 | T1/T3 | B1    | 187 | 137 | 225 | 9    | 3 | • | • | • |  |
| YBX3202 | L0 DIN   | 12V | 40 | 360 | 0 | T1    | B3    | 175 | 175 | 190 | 10.5 | 2 | • | • | • |  |
| YBX3102 | L0 DIN   | 12V | 40 | 360 | 1 | T1    | B3    | 175 | 175 | 190 | 10.5 | 2 | • | • | • |  |
| YBX3077 | L1 DIN   | 12V | 45 | 380 | 1 | T1    | B3    | 207 | 175 | 190 | 11.8 | 3 | • | • | • |  |
| YBX3053 | B24 JIS  | 12V | 45 | 400 | 0 | T1/T3 | N     | 238 | 129 | 223 | 11.4 | 3 | • | • | • |  |
| YBX3057 | B24 JIS  | 12V | 45 | 400 | 1 | T1/T3 | N     | 238 | 129 | 223 | 11.4 | 3 | • | • | • |  |
| YBX3063 | LB1 DIN  | 12V | 45 | 425 | 0 | T1    | B3/B4 | 207 | 175 | 175 | 11.5 | 3 | • | • | • |  |
| YBX3012 | L1 DIN   | 12V | 50 | 420 | 0 | T1    | B3    | 207 | 175 | 190 | 12.2 | 3 | • | • | • |  |
| YBX3008 | D20 JIS  | 12V | 50 | 450 | 0 | T1    | N     | 202 | 173 | 225 | 12.8 | 3 | • | • | • |  |
| YBX3004 | D20 JIS  | 12V | 50 | 450 | 1 | T1    | N     | 202 | 173 | 225 | 12.8 | 3 | • | • | • |  |
| YBX3108 | D20 JIS  | 12V | 50 | 400 | 0 | T1    | B1    | 202 | 173 | 225 | 12.8 | 3 | • | • | • |  |
| YBX3111 | GR58 BCI | 12V | 50 | 530 | 0 | T1    | B1    | 236 | 182 | 178 | 12.9 | 4 | • | • | • |  |
| YBX3113 | GR58 BCI | 12V | 50 | 530 | 1 | T1    | B1    | 236 | 182 | 178 | 12.9 | 4 | • | • | • |  |
| YBX3065 | LB2 DIN  | 12V | 56 | 500 | 0 | T1    | B3/B4 | 243 | 175 | 175 | 13.7 | 4 | • | • | • |  |
| YBX3005 | D23 JIS  | 12V | 60 | 450 | 0 | T1    | N     | 232 | 175 | 225 | 14.9 | 4 | • | • | • |  |
| YBX3014 | D23 JIS  | 12V | 60 | 450 | 1 | T1    | N     | 232 | 175 | 225 | 14.9 | 4 | • | • | • |  |
| YBX3075 | LB2 DIN  | 12V | 60 | 550 | 0 | T1    | B3/B4 | 243 | 175 | 175 | 13.9 | 4 | • | • | • |  |
| YBX3027 | L2 DIN   | 12V | 60 | 550 | 0 | T1    | B3/B4 | 243 | 175 | 190 | 14.8 | 4 | • | • | • |  |

| Yuasa Number | Case Type | Voltage | Capacity at 20-hour Rate (Ah) | Cold Cranking Performance (Amps) EN1 | Cell Layout | Terminal | Container Features | Dimensions (mm) |       |        | Mean Weight with Acid (kg) | Recommended Charge Rate (Amps) | Handles | End-Venting | State of Charge Indicator | Semi Traction Features |
|--------------|-----------|---------|-------------------------------|--------------------------------------|-------------|----------|--------------------|-----------------|-------|--------|----------------------------|--------------------------------|---------|-------------|---------------------------|------------------------|
|              |           |         |                               |                                      |             |          |                    | Length          | Width | Height |                            |                                |         |             |                           |                        |

## YBX3000 SMF BATTERIES continued

|         |         |     |    |     |   |    |       |     |     |     |      |   |   |   |   |  |
|---------|---------|-----|----|-----|---|----|-------|-----|-----|-----|------|---|---|---|---|--|
| YBX3078 | L2 DIN  | 12V | 60 | 550 | 1 | T1 | B3    | 243 | 175 | 190 | 14.8 | 4 | • | • | • |  |
| YBX3030 | D26 JIS | 12V | 70 | 570 | 0 | T1 | N     | 260 | 174 | 225 | 17.3 | 4 | • | • | • |  |
| YBX3031 | D26 JIS | 12V | 70 | 570 | 1 | T1 | N     | 260 | 174 | 225 | 17.3 | 4 | • | • | • |  |
| YBX3068 | D26 JIS | 12V | 70 | 570 | 0 | T1 | B9    | 269 | 174 | 225 | 17.3 | 4 | • | • | • |  |
| YBX3069 | D26 JIS | 12V | 70 | 570 | 1 | T1 | B9    | 269 | 174 | 225 | 17.3 | 4 | • | • | • |  |
| YBX3100 | LB3 DIN | 12V | 71 | 650 | 0 | T1 | B3/B4 | 278 | 175 | 175 | 15.8 | 4 | • | • | • |  |
| YBX3096 | L3 DIN  | 12V | 75 | 650 | 0 | T1 | B3    | 278 | 175 | 190 | 18   | 4 | • | • | • |  |
| YBX3086 | L3 DIN  | 12V | 75 | 650 | 1 | T1 | B3    | 278 | 175 | 190 | 18   | 4 | • | • | • |  |
| YBX3110 | LB4 DIN | 12V | 80 | 720 | 0 | T1 | B3    | 317 | 175 | 175 | 18.3 | 4 | • | • | • |  |
| YBX3335 | D31 JIS | 12V | 90 | 700 | 0 | T1 | B1    | 303 | 174 | 222 | 20.8 | 4 | • | • | • |  |
| YBX3334 | D31 JIS | 12V | 90 | 700 | 1 | T1 | B1    | 303 | 174 | 222 | 20.8 | 4 | • | • | • |  |
| YBX3017 | LB5 DIN | 12V | 90 | 800 | 0 | T1 | B3    | 353 | 175 | 175 | 21.2 | 6 | • | • | • |  |
| YBX3019 | L5 DIN  | 12V | 95 | 850 | 0 | T1 | B3    | 353 | 175 | 190 | 22.5 | 6 | • | • | • |  |



### Features

- Approximately 30,000 starts
- Sealed tip/tilt double lid
  - Reduces water loss by up to 30%
  - VDA roll over test compliant\*
- Calcium/Calcium plates
- Integrated carrying handle & flame arrestor
- State of Charge Indicator (SOC)
- OE Quality, Performance & Specification

### Performance

- Up to 20% increase in cranking power\*\*

\*German Association of the Automotive Industry \*\*YBX1063 350 CCA YBX3063 425 CCA

## YBX1000 CaCa BATTERIES

|         |                     |     |    |     |   |    |       |     |     |     |      |   |   |   |  |  |
|---------|---------------------|-----|----|-----|---|----|-------|-----|-----|-----|------|---|---|---|--|--|
| YBX1038 | A (British Leyland) | 12V | 35 | 330 | 1 | T1 | B12   | 239 | 133 | 206 | 11.1 | 2 |   |   |  |  |
| YBX1063 | LB1 DIN             | 12V | 40 | 350 | 0 | T1 | B3/B4 | 207 | 175 | 175 | 10.8 | 2 | • | • |  |  |
| YBX1012 | L1 DIN              | 12V | 45 | 380 | 0 | T1 | B3    | 207 | 175 | 190 | 11.8 | 3 | • | • |  |  |
| YBX1048 | E2 (Talbot)         | 12V | 45 | 350 | 0 | T1 | B1    | 220 | 135 | 225 | 13   | 3 |   |   |  |  |
| YBX1049 | E2 (Talbot)         | 12V | 45 | 350 | 1 | T1 | B1    | 220 | 135 | 225 | 13   | 3 |   |   |  |  |
| YBX1065 | LB2 DIN             | 12V | 54 | 470 | 0 | T1 | B3/B4 | 243 | 175 | 175 | 13.6 | 4 | • | • |  |  |
| YBX1027 | L2 DIN              | 12V | 55 | 480 | 0 | T1 | B3/B4 | 243 | 175 | 190 | 14.2 | 5 | • | • |  |  |
| YBX1072 | D26 T-Lid (Volvo)   | 12V | 70 | 570 | 1 | T1 | N     | 265 | 175 | 205 | 19.2 | 4 | • | • |  |  |
| YBX1096 | L3 DIN              | 12V | 70 | 620 | 0 | T1 | B3    | 278 | 175 | 190 | 17.2 | 5 | • | • |  |  |
| YBX1100 | LB3 DIN             | 12V | 70 | 620 | 0 | T1 | B3/B4 | 278 | 175 | 175 | 15.8 | 4 | • | • |  |  |
| YBX1017 | LB5 DIN             | 12V | 85 | 770 | 0 | T1 | B3    | 353 | 175 | 175 | 20.5 | 6 | • | • |  |  |



### Features

- Approximately 20,000 starts
- Remote flame arrestor\*
- Central venting\*

- Integrated carrying handle\*
- Calcium/Calcium plates
- OE Quality, Performance & Specification

\*Excludes 038, 048 & 049

# Commercial Vehicle, PSV, Agricultural and Plant Batteries

| Yuasa Number | Case Type | Voltage | Capacity at 20-hour Rate (Ah) | Cold Cranking Performance (Amps) EN1 | Cell Layout | Terminal | Container Features | Dimensions (mm) |       |        | Mean Weight with Acid (kg) | Recommended Charge Rate (Amps) | Handles | End-Venting | State of Charge Indicator | Semi Traction Features |
|--------------|-----------|---------|-------------------------------|--------------------------------------|-------------|----------|--------------------|-----------------|-------|--------|----------------------------|--------------------------------|---------|-------------|---------------------------|------------------------|
|              |           |         |                               |                                      |             |          |                    | Length          | Width | Height |                            |                                |         |             |                           |                        |

## CARGO DEEP CYCLE BATTERIES (GM) - GLASS MAT SEPARATORS

|       |          |     |     |      |   |    |   |     |     |     |      |    |   |  |  |   |
|-------|----------|-----|-----|------|---|----|---|-----|-----|-----|------|----|---|--|--|---|
| 727GM | DIN A GM | 12V | 140 | 815  | 3 | T1 | N | 513 | 189 | 223 | 37.7 | 8  | • |  |  | • |
| 723GM | DIN B GM | 12V | 185 | 1100 | 4 | T1 | N | 513 | 223 | 223 | 46.9 | 10 | • |  |  | • |
| 729GM | DIN B GM | 12V | 185 | 1100 | 3 | T1 | N | 513 | 223 | 223 | 46.9 | 10 | • |  |  | • |
| 732GM | DIN C GM | 12V | 220 | 1400 | 3 | T1 | N | 513 | 272 | 242 | 60.6 | 12 | • |  |  | • |
| 724GM | DIN C GM | 12V | 230 | 1200 | 4 | T1 | N | 518 | 273 | 242 | 59.6 | 12 | • |  |  | • |
| 725GM | DIN C GM | 12V | 230 | 1200 | 3 | T1 | N | 518 | 273 | 242 | 59.6 | 12 | • |  |  | • |



### Features

- Increased service life over SHD
- Ultimate deep cycle capabilities
- Glass mat separators\*
- Vibrolock plate fixing\*
- Vibration Resistant - V3 (EN50342.1 A1 2011)
- OE Quality, Performance & Specification

\*Improved resistance to vibration and deep cycle capabilities over HD and SHD

## CARGO SUPER HEAVY DUTY BATTERIES (SHD)

|        |                      |     |     |      |   |    |    |     |     |     |      |    |   |   |   |  |
|--------|----------------------|-----|-----|------|---|----|----|-----|-----|-----|------|----|---|---|---|--|
| 640SHD | GR31 BCI             | 12V | 115 | 1000 | 9 | T1 | N  | 329 | 171 | 240 | 26.2 | 5  | • | • | • |  |
| 663SHD | Euro Compact Low D2  | 12V | 115 | 800  | 0 | T1 | N  | 345 | 172 | 232 | 25   | 6  | • |   |   |  |
| 664SHD | Euro Compact Low D2  | 12V | 115 | 800  | 1 | T1 | N  | 345 | 172 | 232 | 25   | 6  | • |   |   |  |
| 665SHD | Euro Compact Low D2A | 12V | 115 | 800  | 0 | T1 | B1 | 345 | 172 | 232 | 29.5 | 6  | • |   |   |  |
| 627SHD | DIN A                | 12V | 143 | 900  | 3 | T1 | N  | 513 | 189 | 223 | 39   | 8  | • |   |   |  |
| 622SHD | MAC 143              | 12V | 150 | 930  | 3 | T1 | N  | 510 | 216 | 209 | 39.2 | 8  | • |   |   |  |
| 629SHD | DIN B                | 12V | 180 | 1050 | 3 | T1 | N  | 513 | 223 | 223 | 44   | 10 | • |   |   |  |
| 625SHD | DIN C                | 12V | 220 | 1150 | 3 | T1 | N  | 513 | 272 | 242 | 57.2 | 12 | • |   |   |  |



### Features

- Advanced plate design
- Increased service life over HD
- Deep cycle capabilities
- Vibration Resistant - V2 (EN50342.1 A1 2011)
- OE Quality, Performance & Specification

### Performance

- Up to 30% increase in cranking power over Cargo HD\*

\*629HD 815 CCA v 629SHD 1050 CCA

| Yuasa Number | Case Type | Voltage | Capacity at 20-hour Rate (Ah) | Cold Cranking Performance (Amps) EN1 | Cell Layout | Terminal | Container Features | Dimensions (mm) |       |        | Mean Weight with Acid (kg) | Recommended Charge Rate (Amps) | Handles | End-Venting | State of Charge Indicator | Semi Traction Features |
|--------------|-----------|---------|-------------------------------|--------------------------------------|-------------|----------|--------------------|-----------------|-------|--------|----------------------------|--------------------------------|---------|-------------|---------------------------|------------------------|
|              |           |         |                               |                                      |             |          |                    | Length          | Width | Height |                            |                                |         |             |                           |                        |

## CARGO HEAVY DUTY BATTERIES (HD)

|       |                      |     |     |      |   |    |    |     |     |     |      |    |   |   |   |  |
|-------|----------------------|-----|-----|------|---|----|----|-----|-----|-----|------|----|---|---|---|--|
| 643HD | Euro Compact Low D2  | 12V | 96  | 620  | 0 | T1 | N  | 345 | 172 | 232 | 26   | 5  | • |   |   |  |
| 644HD | Euro Compact Low D2  | 12V | 96  | 620  | 1 | T1 | N  | 345 | 172 | 232 | 26   | 5  | • |   |   |  |
| 640HD | GR31 BCI             | 12V | 100 | 900  | 9 | T1 | N  | 329 | 171 | 240 | 24.8 | 5  | • | • | • |  |
| 663HD | Euro Compact Low D2  | 12V | 105 | 735  | 0 | T1 | N  | 345 | 172 | 232 | 27.6 | 6  | • |   |   |  |
| 664HD | Euro Compact Low D2  | 12V | 105 | 735  | 1 | T1 | N  | 345 | 172 | 232 | 27.6 | 6  | • |   |   |  |
| 616HD | E41 JIS              | 12V | 110 | 650  | 0 | T1 | N  | 407 | 174 | 231 | 29.6 | 6  | • |   |   |  |
| 618HD | E41 JIS              | 12V | 110 | 650  | 1 | T1 | N  | 407 | 174 | 231 | 29.6 | 6  | • |   |   |  |
| 627HD | DIN A                | 12V | 120 | 675  | 3 | T1 | N  | 513 | 189 | 223 | 33.6 | 6  | • |   |   |  |
| 655HD | Euro Compant High D3 | 12V | 125 | 720  | 0 | T1 | N  | 345 | 172 | 283 | 34   | 7  | • |   |   |  |
| 656HD | Euro Compact High D3 | 12V | 125 | 720  | 1 | T1 | N  | 345 | 172 | 283 | 34   | 7  | • |   |   |  |
| 615HD | MAC 110 Kamina       | 12V | 135 | 910  | 3 | T1 | B3 | 514 | 175 | 210 | 32.5 | 8  | • | • | • |  |
| 622HD | MAC 143              | 12V | 135 | 880  | 3 | T1 | N  | 510 | 216 | 209 | 38   | 7  | • |   |   |  |
| 633HD | -                    | 12V | 135 | 735  | 6 | T1 | B1 | 360 | 253 | 240 | 40.8 | 7  | • |   |   |  |
| 638HD | -                    | 12V | 140 | 1050 | 0 | T1 | B1 | 508 | 175 | 205 | 36.5 | 8  | • |   |   |  |
| 628HD | DIN A                | 12V | 143 | 900  | 4 | T1 | N  | 513 | 189 | 223 | 39   | 8  | • |   |   |  |
| 630HD | DIN A                | 12V | 143 | 900  | 3 | T1 | B3 | 513 | 189 | 223 | 39   | 8  | • |   |   |  |
| 629HD | DIN B                | 12V | 155 | 815  | 3 | T1 | N  | 513 | 223 | 223 | 42   | 8  | • |   |   |  |
| 620HD | DIN B                | 12V | 180 | 1050 | 3 | T1 | B3 | 513 | 223 | 223 | 44   | 9  | • |   |   |  |
| 623HD | DIN B                | 12V | 180 | 1050 | 4 | T1 | N  | 513 | 223 | 223 | 44   | 8  | • |   |   |  |
| 626HD | DIN B                | 12V | 180 | 1050 | 4 | T1 | B3 | 513 | 223 | 223 | 44   | 9  | • |   |   |  |
| 624HD | DIN C                | 12V | 200 | 1050 | 4 | T1 | N  | 513 | 273 | 242 | 55   | 11 | • |   |   |  |
| 625HD | DIN C                | 12V | 200 | 1050 | 3 | T1 | N  | 513 | 272 | 242 | 55   | 11 | • |   |   |  |



### Features

- Advanced plate design
- Deep cycle capabilities
- Vibration Resistant - V2 (EN50342.1 A1 2011)
- OE Quality, Performance & Specification

# Leisure, Marine and Garden Machinery Batteries

| Yuasa Number | Case Type | Voltage | Capacity at 20-hour Rate (Ah) | Cold Cranking Performance (Amps) EN1 | Cell Layout | Terminal | Container Features | Dimensions (mm) |       |        | Mean Weight with Acid (kg) | Recommended Charge Rate (Amps) | Handles | End-Venting | State of Charge Indicator | Semi Traction Features |
|--------------|-----------|---------|-------------------------------|--------------------------------------|-------------|----------|--------------------|-----------------|-------|--------|----------------------------|--------------------------------|---------|-------------|---------------------------|------------------------|
|              |           |         |                               |                                      |             |          |                    | Length          | Width | Height |                            |                                |         |             |                           |                        |

## LEISURE BATTERIES

|         |                         |     |     |     |   |    |    |     |     |     |      |   |   |   |   |  |
|---------|-------------------------|-----|-----|-----|---|----|----|-----|-----|-----|------|---|---|---|---|--|
| L26-70  | GR24 BCI                | 12V | 70  | 450 | 1 | T1 | B5 | 260 | 174 | 225 | 17   | 4 | • | • | • |  |
| L26-80  | GR24 BCI                | 12V | 80  | 540 | 1 | T1 | B5 | 260 | 174 | 225 | 18   | 4 | • | • | • |  |
| L35-90  | Euro Compact Low Kamina | 12V | 90  | 640 | 1 | T1 | N  | 350 | 174 | 224 | 23.6 | 5 | • | • | • |  |
| L35-100 | Euro Compact Low Kamina | 12V | 100 | 700 | 1 | T1 | N  | 350 | 174 | 224 | 24.7 | 5 | • | • | • |  |
| L35-115 | Euro Compact Low Kamina | 12V | 115 | 750 | 1 | T1 | N  | 350 | 174 | 224 | 25.4 | 6 | • | • | • |  |
| L36-100 | L5 DIN                  | 12V | 100 | 700 | 0 | T1 | B3 | 353 | 175 | 190 | 22.5 | 5 | • | • | • |  |



### Features

- Caravan/leisure use
- Long storage life
- Deep cycle
- State of Charge Indicator (SOCi)
- Enhanced safety venting
- Integrated flame arrestor

## MARINE BATTERIES

|         |          |     |     |     |   |    |    |     |     |     |      |   |   |   |   |   |
|---------|----------|-----|-----|-----|---|----|----|-----|-----|-----|------|---|---|---|---|---|
| M26-80  | GR24 BCI | 12V | 80  | 450 | 1 | TM | B5 | 260 | 174 | 225 | 18.9 | 4 | • | • | • | • |
| M27-90  | GR27 BCI | 12V | 90  | 720 | 1 | TM | B1 | 304 | 173 | 225 | 21.2 | 5 | • | • | • | • |
| M31-100 | GR31 BCI | 12V | 100 | 600 | 1 | TM | N  | 330 | 173 | 240 | 23.5 | 5 | • | • | • | • |



### Features

- Marine & leisure craft use
- Dual terminal
- Sealed lid (Leak/spill proof tip-tilt)
- Vibrolock plate fixing\*
- Deep cycle
- 45° tilt angle
- State of Charge Indicator (SOCi)
- Enhanced safety venting
- Integrated flame arrestor

\*Improved resistance to vibration

## GARDEN BATTERIES

|     |         |     |                                                |     |   |    |   |     |     |     |     |   |   |  |  |  |
|-----|---------|-----|------------------------------------------------|-----|---|----|---|-----|-----|-----|-----|---|---|--|--|--|
| 895 | A19 JIS | 12V | 26                                             | 200 | 0 | T4 | N | 187 | 127 | 181 | 7.5 | 2 |   |  |  |  |
| 896 | A19 JIS | 12V | 26                                             | 200 | 1 | T4 | N | 187 | 127 | 181 | 7.5 | 2 |   |  |  |  |
| U1R | U1 BCI  | 12V | 30                                             | 270 | 0 | T4 | N | 187 | 127 | 181 | 7.8 | 2 | • |  |  |  |
| U1  | U1 BCI  | 12V | 30                                             | 270 | 1 | T4 | N | 187 | 127 | 181 | 7.8 | 2 | • |  |  |  |
| 897 |         | 18V | 897 Robotic Lawnmower Battery (Ni-Mh 15*2.2Ah) |     |   |    |   |     |     |     |     |   |   |  |  |  |



### Features

- Powered gardening equipment use
  - Ride on mowers etc.

# Classic 6V Vehicle Batteries

## Pro-Spec Deep Cycle Batteries

| Yuasa Number | Case Type | Voltage | Capacity at 20-hour Rate (Ah) | Cold Cranking Performance (Amps) EN1 | Cell Layout | Terminal | Container Features | Dimensions (mm) |       |        | Mean Weight with Acid (kg) | Recommended Charge Rate (Amps) | Handles | End-Venting | State of Charge Indicator | Semi Traction Features |
|--------------|-----------|---------|-------------------------------|--------------------------------------|-------------|----------|--------------------|-----------------|-------|--------|----------------------------|--------------------------------|---------|-------------|---------------------------|------------------------|
|              |           |         |                               |                                      |             |          |                    | Length          | Width | Height |                            |                                |         |             |                           |                        |

### CLASSIC 6V VEHICLE BATTERIES

|     |   |    |     |     |   |    |     |     |     |     |      |    |   |  |   |  |
|-----|---|----|-----|-----|---|----|-----|-----|-----|-----|------|----|---|--|---|--|
| 404 | - | 6V | 77  | 360 | 0 | T1 | B12 | 218 | 170 | 190 | 12.7 | 4  |   |  |   |  |
| 421 | - | 6V | 56  | 250 | 0 | T1 | N   | 162 | 173 | 224 | 11.5 | 3  |   |  |   |  |
| 451 | - | 6V | 180 | 700 | 0 | T1 | N   | 412 | 175 | 225 | 31.2 | 12 |   |  |   |  |
| 501 | - | 6V | 85  | 385 | 0 | T1 | N   | 225 | 175 | 220 | 20.1 | 5  |   |  |   |  |
| 511 | - | 6V | 105 | 425 | 0 | T1 | N   | 225 | 175 | 225 | 23.8 | 7  |   |  |   |  |
| 521 | - | 6V | 112 | 400 | 0 | T1 | N   | 291 | 172 | 223 | 22.5 | 7  |   |  |   |  |
| 531 | - | 6V | 135 | 630 | 0 | T1 | N   | 319 | 175 | 230 | 23   | 8  |   |  |   |  |
| 541 | - | 6V | 150 | 510 | 0 | T1 | N   | 348 | 172 | 216 | 27   | 9  |   |  |   |  |
| 702 | - | 6V | 200 | 520 | 0 | T9 | N   | 311 | 184 | 365 | 39.5 | 12 | • |  |   |  |
| 703 | - | 6V | 260 | 690 | 0 | T9 | N   | 368 | 184 | 368 | 48   | 16 | • |  |   |  |
| 712 | - | 6V | 200 | 520 | 0 | T1 | N   | 311 | 184 | 365 | 39.5 | 12 | • |  |   |  |
| 713 | - | 6V | 260 | 690 | 0 | T1 | N   | 368 | 184 | 368 | 48   | 15 | • |  |   |  |
| 722 | - | 6V | 200 | 665 | 0 | T9 | N   | 422 | 176 | 260 | 35   | 12 | • |  | • |  |
| 733 | - | 6V | 200 | 665 | 0 | T1 | N   | 422 | 176 | 243 | 35   | 12 | • |  | • |  |



#### Features

- Deep cycle capability
- Vibration resistant hard rubber case
- OE Quality, Performance & Specification

| Type | Capacity    |             |          |           | Dimensions (mm) |       |        |     | Weight (kg) |
|------|-------------|-------------|----------|-----------|-----------------|-------|--------|-----|-------------|
|      | @25A (Mins) | @75A (Mins) | 5HR (Ah) | 20HR (Ah) | Length          | Width | Height | THA |             |

### PRO-SPEC BATTERIES - Floor Cleaners, Access Platforms and Golf Buggies

|                |                        |     |     |     |     |     |     |     |     |      |
|----------------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| DCB105-6(ET)   | Deep Cycle 6V Battery  | 447 | 115 | 185 | 225 | 259 | 179 | 245 | 276 | 28.6 |
| DCB125-6(ET)   | Deep Cycle 6V Battery  | 488 | 132 | 195 | 240 | 259 | 179 | 245 | 276 | 30.7 |
| DCB145-6(ET)   | Deep Cycle 6V Battery  | 530 | 145 | 215 | 260 | 259 | 179 | 264 | 295 | 33.0 |
| DCB605-6(ET)   | Deep Cycle 6V Battery  | 383 | 105 | 175 | 210 | 259 | 179 | 245 | 276 | 27.0 |
| DCB8125-8(ET)  | Deep Cycle 8V Battery  | 425 | 110 | 190 | 240 | 262 | 181 | 283 | 316 | 37.6 |
| DCB875-8(ET)   | Deep Cycle 8V Battery  | 295 | 75  | 145 | 170 | 262 | 181 | 245 | 276 | 29.0 |
| DCB890-8(ET)   | Deep Cycle 8V Battery  | 340 | 90  | 155 | 190 | 262 | 181 | 245 | 276 | 31.6 |
| DCB1275-12(ET) | Deep Cycle 12V Battery | 290 | 70  | 125 | 150 | 329 | 181 | 245 | 276 | 37.5 |

#### Accessory

23295513 Yuasa Pro-Spec Carrying Handle



#### Features

- Deep cycle
- Easy maintenance vent caps
- Glass Mat/porous rubber separator\*
- Three terminal types available
- Special lid/case design\*\*
- Enhanced life cycle over competitors

#### Fitment examples

- Electric vehicles (golf carts/mobility)
- Warehouse equipment (fork lifts/access platforms)

\*Resists corrosion and reduces electrical resistance \*\*Prevents short circuits from active material shedding

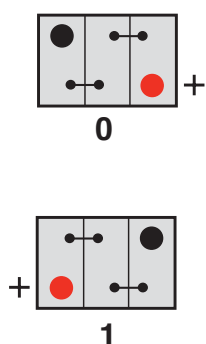
# Automotive Battery Accessories, Battery Cell Assembly Layout, Hold-Down and Container Features

## AUTOMOTIVE BATTERY ACCESSORIES

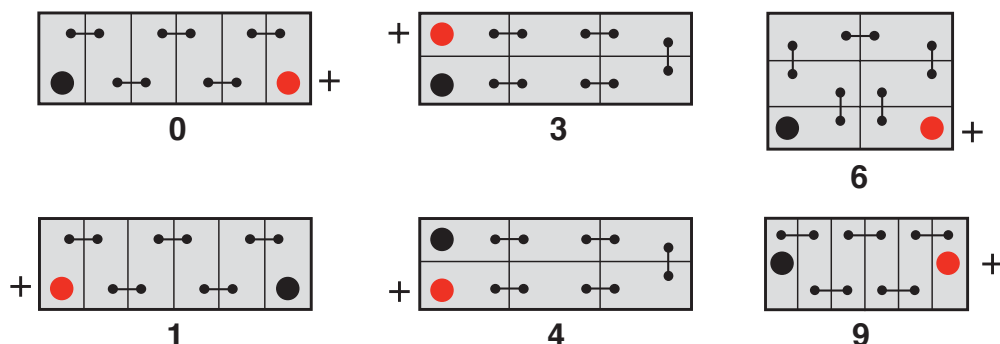
|          |                                                     |
|----------|-----------------------------------------------------|
| 23288996 | Hold Down Adaptors (Pair) - Convert from B3 to B4   |
| 23292114 | Terminal Adaptor Pack - DIN (T1) to Ford Cargo (T8) |
| 23294630 | Terminal Adaptor Pack - JIS (T3) to DIN (T1)        |
| 23294631 | Terminal Adaptor Pack - DIN (T1) to Ford (T4)       |

## CELL ASSEMBLY LAYOUT

6 Volt



12 Volt



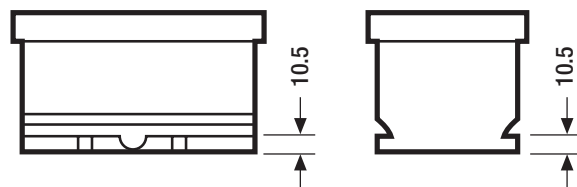
## BATTERY HOLD-DOWN & CONTAINER FEATURES

(Dimensions in millimetres)

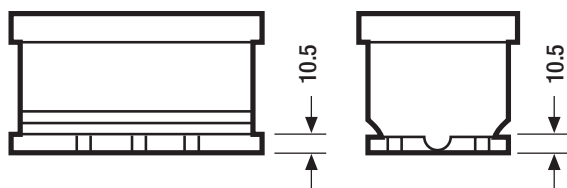
**N**



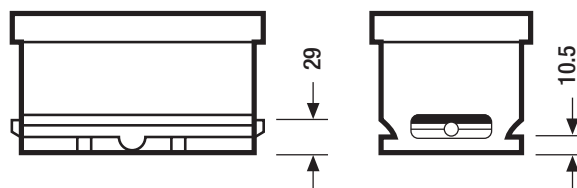
**B1**



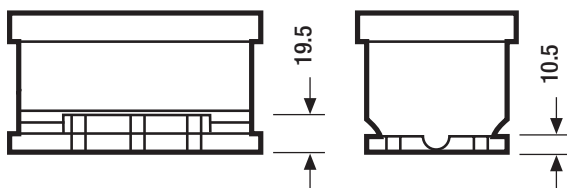
**B3**



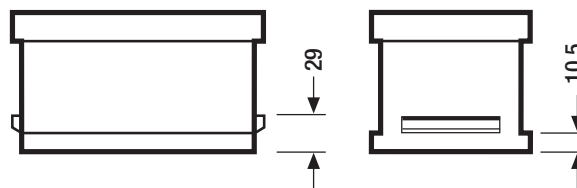
**B5**



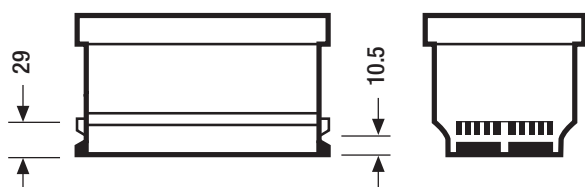
**B3/B4** (B3 with Hold-Down adaptor 23288996)



**B9**



**B12**

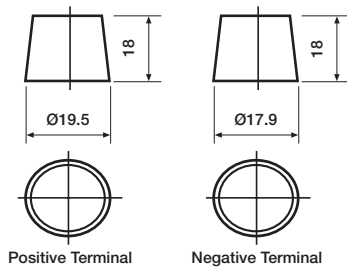


# Automotive Terminal Configurations

(Dimensions in millimetres)

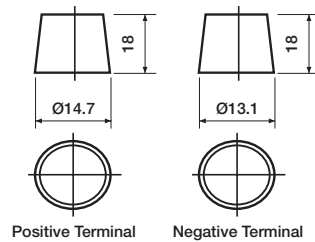
## T1

Standard DIN Post

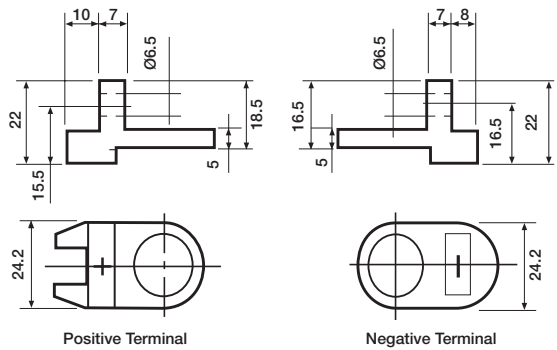


## T3

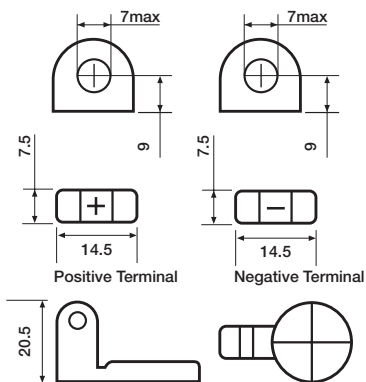
Small Japanese JIS Terminal



## T4-F



## T4

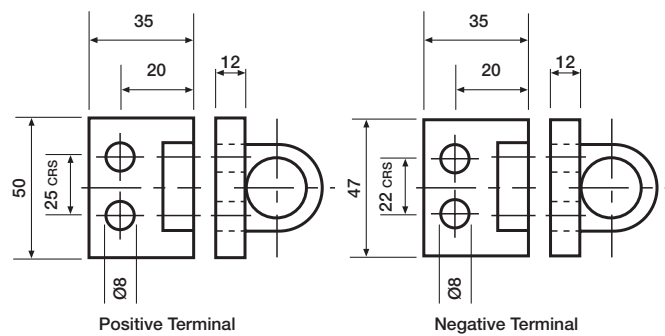


## 5



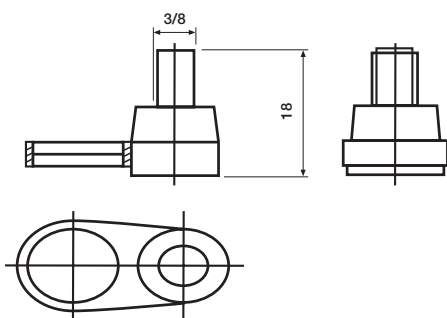
## T9

Classic 702/703/721/722



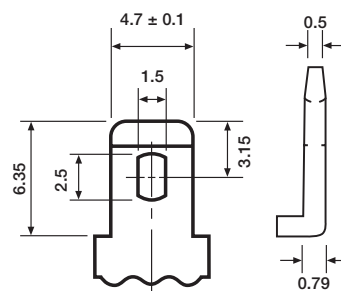
## T8

Ford Cargo Terminal use adapter kit (order 23292114)



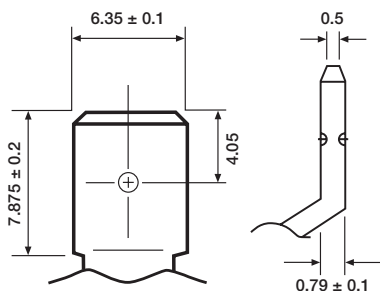
## A

Faston tab:187



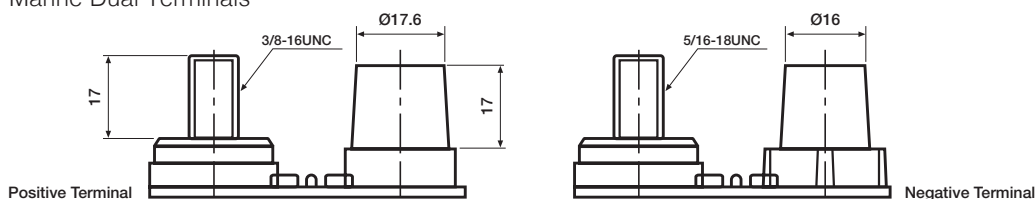
## A/D

Faston tab:250



## TM

Marine Dual Terminals



# Motorcycle & Powersports Batteries



## MAINTENANCE FREE HIGH PERFORMANCE

If high power is top priority in a replacement battery, look to Yuasa's High Performance Maintenance Free batteries. Yuasa means more power, less maintenance and longer life. Yuasa's High Performance Maintenance Free batteries are your best choice for motorcycles, utility vehicles, scooters, ATVs, riding mowers, personal watercraft and snowmobiles.

**All of the features of a Standard Maintenance Free**

**PLUS Increased Power – Up to 30% more cranking amps** thanks to a radial grid design and additional plates



## MAINTENANCE FREE VRLA

VRLA (Valve Regulated Lead Acid) means a battery that's perfect for people who have better things to do than battery maintenance! Our permanently sealed VRLA battery never needs refilling; however, it still needs periodic charging. Ideal for motorcycles, scooters, ATVs, riding mowers and personal watercraft.

- **Spill-proof design** means virtually no possibility of leaks
- **Advanced lead-calcium technology** pumps up starting power
- **Sulphation retardant** dramatically reduces battery-killing plate sulphation
- **Long lasting** which means Yuasa's High Performance Maintenance Free batteries will last up to three times longer than conventional batteries
- **Exceptional resistance to vibration** makes Yuasa the most reliable battery on the market today
- **And, VRLA batteries hold voltage** longer and need less charging in standby or storage mode



## YUMICRON CX

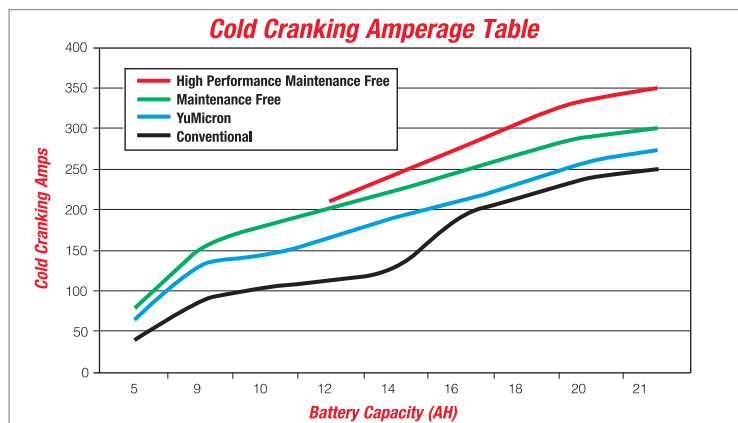
For increased power, less maintenance and longer life, YuMicron CX is the battery of choice. The first motorcycle battery built on lead-calcium technology, YuMicron CX is specially designed for today's big, complex vehicles, where higher cranking power is a must. It delivers all the features of the standard YuMicron – plus...

- **Unique CX design** for higher cold cranking amps
- **Lead-calcium technology** reduces water loss – and servicing – by 66% compared to lead antimony
- **And, CX substantially reduces self-discharge** – for longer time between charges

## YUMICRON

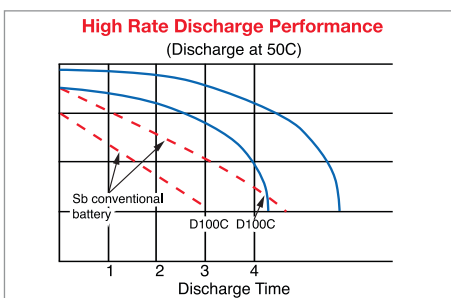
Personal watercraft, snowmobiles and ATVs make special demands – and YUASA's YuMicron Battery meets them head-on. The high-tech, power-boosting design also makes YuMicron ideal for accessory-laden touring bikes and modified vehicles.

- **Heavy duty glass mat** resists vibration damage
- **Special thin Separator** packs in extra plates, delivers up to 30% more cranking power than conventional types
- **Through-the-wall intercell connector** minimises internal resistance, maximises power
- **Sulphate Stop** curbs plate sulphation – and provides longer life



### Superior High Rate Performance

The electrically low resistant separator and heavy duty plates allow the Yuasa VRLA batteries to yield 30% more and faster starting power over conventional batteries.

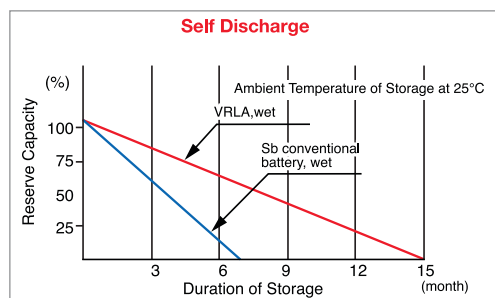


### Shelf Life

The special plate material and the dry-charge construction enable the storage for nearly 2 years without noticeable loss of charge retention.

### Lowest Self-Discharge

The calcium grid reduces the self-discharge rate to only 0.2% a day against 0.5-1.0% for conventional batteries.



### Toughness

Even if the batteries are left discharged for considerably long periods, a simple recharge will help restore full charge.

# Motorcycle & Powersports Batteries continued

| Battery Type | Note | Pack Type | Capacity<br>Ah (10-HR) | Capacity<br>Ah (20-HR) | Dimensions - mm<br>(±2mm) |       |        | Weight with acid<br>(kg) | Acid volume<br>(Litre) | Charge current<br>(Amps) | CCA*<br>@ -18°C | Terminal Type<br>(refer to page 20) | Assembly Figure |
|--------------|------|-----------|------------------------|------------------------|---------------------------|-------|--------|--------------------------|------------------------|--------------------------|-----------------|-------------------------------------|-----------------|
|              |      |           |                        |                        | Length                    | Width | Height |                          |                        |                          |                 |                                     |                 |

## HIGH PERFORMANCE MAINTENANCE FREE

|               |       |       |      |      |     |     |     |     |      |     |     |    |
|---------------|-------|-------|------|------|-----|-----|-----|-----|------|-----|-----|----|
| YTX14AH-BS    | (ii)  | CP    | 12   | 12.6 | 134 | 89  | 166 | 4.9 | 0.66 | 1.2 | 210 | 4  |
| YTX14AHL-BS   |       | CP    | 12   | 12.6 | 134 | 89  | 166 | 4.9 | 0.66 | 1.2 | 210 | 4  |
| YTX14H-BS     |       | CP    | 12   | 12.6 | 150 | 87  | 145 | 4.8 | 0.69 | 1.2 | 240 | 4  |
| YTX20CH-BS    |       | CP    | 18   | 18.9 | 150 | 87  | 161 | 6.1 | 0.82 | 1.8 | 270 | 4  |
| YTX20H-BS     |       | CP    | 18   | 18.9 | 175 | 87  | 155 | 6.3 | 0.93 | 1.8 | 310 | 4  |
| YTX20HL-BS    |       | CP    | 18   | 18.9 | 175 | 87  | 155 | 6.3 | 0.93 | 1.8 | 310 | 4  |
| YTX20HL-BS-PW | (i)   | CP    | 18   | 18.9 | 175 | 87  | 175 | 6.3 | 0.93 | 1.8 | 310 | 4  |
| YTX24HL-BS    |       | CP    | 21   | 22.1 | 205 | 87  | 162 | 7.9 | 0.99 | 2.1 | 350 | 4  |
| YTZ5S         |       | CP/WC | 3.5  | 3.7  | 113 | 70  | 85  | 1.6 | N/A  | 0.4 | 65  | 5  |
| YTZ6V         |       | CP    | 5    | 5.3  | 113 | 70  | 105 | 2.0 | N/A  | 0.5 | 90  | 5  |
| YTZ7S         |       | WC    | 6    | 6.3  | 113 | 70  | 105 | 2.1 | N/A  | 0.6 | 130 | 5  |
| YTZ10S        |       | WC    | 8.6  | 9.1  | 150 | 87  | 93  | 3.2 | N/A  | 0.9 | 190 | 11 |
| YTZ12S        |       | WC    | 11   | 11.6 | 150 | 87  | 110 | 3.7 | N/A  | 1.1 | 210 | 11 |
| YTZ14S        |       | WC    | 11.2 | 11.8 | 150 | 87  | 110 | 3.9 | N/A  | 1.1 | 230 | 11 |
| GYZ16H        |       | WC    | 16   | 16.8 | 150 | 87  | 145 | 5.6 | N/A  | 1.6 | 240 | 5  |
| GYZ20L        |       | WC    | 20   | 21.1 | 175 | 87  | 155 | 6.9 | N/A  | 2.0 | 250 | 4  |
| GYZ20H        |       | WC    | 20   | 21.1 | 175 | 87  | 155 | 7.1 | N/A  | 2.0 | 310 | 14 |
| GYZ20HL       |       | WC    | 20   | 21.1 | 175 | 87  | 155 | 7.1 | N/A  | 2.0 | 310 | 14 |
| YIX30L        |       | WC    | 30   | 31.6 | 166 | 126 | 175 | 9.9 | N/A  | 3.0 | 385 | 5  |
| YIX30L-PW     | (iii) | WC    | 30   | 31.6 | 166 | 126 | 175 | 9.9 | N/A  | 3.0 | 385 | 5  |
| YIX30L-BS     |       | CP    | 30   | 31.6 | 166 | 126 | 175 | 9.9 | 1.40 | 3.0 | 385 | 5  |
| YIX30L-BS-PW  | (iii) | CP    | 30   | 31.6 | 166 | 126 | 175 | 9.9 | 1.40 | 3.0 | 385 | 5  |

## MAINTENANCE FREE

|            |  |       |      |      |     |    |      |     |      |     |     |    |
|------------|--|-------|------|------|-----|----|------|-----|------|-----|-----|----|
| YTR4A-BS   |  | CP    | 2.3  | 2.4  | 114 | 49 | 86   | 1.1 | 0.14 | 0.3 | 45  | 12 |
| YT4B-BS    |  | CP    | 2.3  | 2.4  | 114 | 39 | 86.5 | 1.1 | 0.12 | 0.3 | 40  | 13 |
| YT4L-BS    |  | CP    | 3    | 3.2  | 114 | 71 | 86   | 1.6 | 0.18 | 0.4 | 40  | 5  |
| YTX4L-BS   |  | CP    | 3    | 3.2  | 114 | 71 | 86   | 1.4 | 0.18 | 0.4 | 50  | 5  |
| YT5A       |  | WC    | 5    | 5.3  | 121 | 62 | 131  | 2.0 | N/A  | 0.5 | 70  | 6  |
| YTX5L-BS   |  | CP    | 4    | 4.2  | 114 | 71 | 106  | 2.0 | 0.24 | 0.5 | 80  | 5  |
| YT6A       |  | WC    | 6    | 6.3  | 121 | 62 | 131  | 2.2 | N/A  | 0.6 | 80  | 6  |
| YT7B-BS    |  | CP/WC | 6.5  | 6.8  | 150 | 65 | 93   | 2.7 | 0.33 | 0.7 | 110 | 11 |
| YTX7A-BS   |  | CP    | 6    | 6.3  | 150 | 87 | 94   | 2.6 | 0.33 | 0.7 | 105 | 5  |
| YTX7L-BS   |  | CP    | 6    | 6.3  | 114 | 71 | 131  | 2.5 | 0.33 | 0.6 | 100 | 5  |
| YT9B-BS    |  | CP/WC | 8    | 8.4  | 150 | 70 | 105  | 3.4 | 0.4  | 0.8 | 120 | 11 |
| YTX9-BS    |  | CP    | 8    | 8.4  | 150 | 87 | 105  | 3.0 | 0.4  | 0.9 | 135 | 5  |
| YT12A-BS   |  | CP/WC | 10   | 10.5 | 150 | 87 | 105  | 3.5 | 0.5  | 1.0 | 175 | 11 |
| YT12B-BS   |  | CP/WC | 10   | 10.5 | 150 | 69 | 130  | 4.1 | 0.5  | 1.0 | 210 | 11 |
| YTX12-BS   |  | CP    | 10   | 10.5 | 150 | 87 | 130  | 4.2 | 0.6  | 1.2 | 180 | 5  |
| YT14B-BS   |  | CP/WC | 12   | 12.6 | 150 | 70 | 145  | 4.6 | 0.6  | 1.2 | 210 | 11 |
| YTX14-BS   |  | CP    | 12   | 12.6 | 150 | 87 | 145  | 4.6 | 0.69 | 1.4 | 200 | 5  |
| YTX14L-BS  |  | CP    | 12   | 12.6 | 150 | 87 | 145  | 4.6 | 0.69 | 1.4 | 200 | 5  |
| YTX15L-BS  |  | CP    | 13   | 13.7 | 175 | 87 | 130  | 4.8 | 0.69 | 1.3 | 230 | 4  |
| YTX16-BS   |  | CP    | 14   | 14.7 | 150 | 87 | 161  | 5.3 | 0.78 | 1.4 | 230 | 4  |
| YTX16-BS-1 |  | CP    | 14   | 14.7 | 150 | 87 | 161  | 5.3 | 0.78 | 1.4 | 230 | 1  |
| YTX20A-BS  |  | CP    | 17   | 17.9 | 150 | 87 | 161  | 6.0 | 0.82 | 1.7 | 270 | 4  |
| YTX20-BS   |  | CP    | 18   | 18.9 | 175 | 87 | 155  | 6.7 | 0.93 | 1.8 | 270 | 4  |
| YTX20L-BS  |  | CP    | 18   | 18.9 | 175 | 87 | 155  | 6.7 | 0.93 | 1.8 | 270 | 4  |
| YT19BL-BS  |  | CP    | 17.7 | 19   | 186 | 82 | 171  | 5.7 | 0.95 | 1.9 | 170 | 10 |

(i) Includes 20mm spacer required when replacing YB16CL-B.

(ii) Includes 10mm spacer required when replacing YB14A-A1 and YB14A-A2.

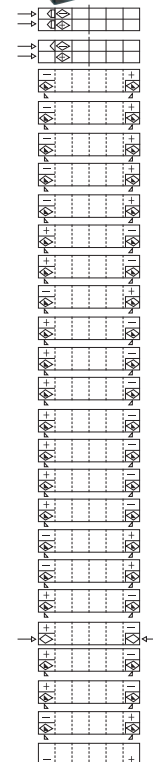
(iii) Includes 17mm spacer to fit all BRP (Sea-Doo) 1500cc 4-stroke models year 2003 and up.

\* CCA (Cold Cranking Amps) rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions.

DC = dry charged (contains 1 battery, acid not included)

CP = combipack (contains 1 battery and 1 acid pack)

WC = wet charged (contains 1 battery acid filled and charged)



| Battery Type | Note | Pack Type | Capacity<br>Ah (10-HR) | Capacity<br>Ah (20-HR) | Dimensions - mm<br>(±2mm) |       |        | Weight with acid<br>(kg) | Acid volume<br>(Litre) | Charge current<br>(Amps) | CCA*<br>@ -18°C | Terminal Type<br>(refer to page 20) | Assembly Figure |
|--------------|------|-----------|------------------------|------------------------|---------------------------|-------|--------|--------------------------|------------------------|--------------------------|-----------------|-------------------------------------|-----------------|
|              |      |           |                        |                        | Length                    | Width | Height |                          |                        |                          |                 |                                     |                 |

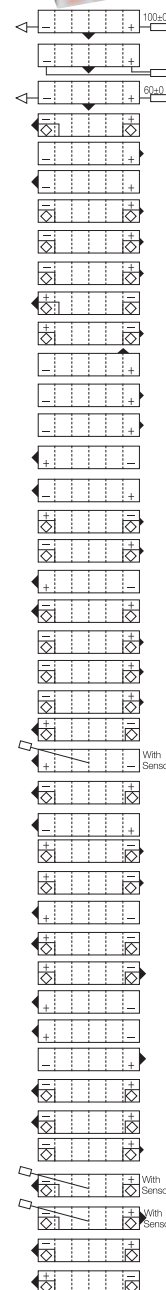
## YUMICRON CX

|               |  |    |    |      |     |     |     |     |     |     |     |   |  |
|---------------|--|----|----|------|-----|-----|-----|-----|-----|-----|-----|---|--|
| YB16-B-CX     |  | DC | 19 | 20.0 | 175 | 100 | 155 | 6.3 | 1.2 | 1.9 | 255 | 6 |  |
| YB16HL-A-CX   |  | DC | 19 | 20.0 | 175 | 100 | 155 | 6.3 | 1.2 | 1.9 | 255 | 6 |  |
| Y50-N18L-A-CX |  | DC | 20 | 21.1 | 205 | 90  | 162 | 7.4 | 1.4 | 2   | 260 | 7 |  |



## YUMICRON

|            |     |       |     |      |     |      |     |     |      |     |     |   |  |
|------------|-----|-------|-----|------|-----|------|-----|-----|------|-----|-----|---|--|
| YB2.5L-C   |     | DC    | 2.5 | 2.6  | 80  | 70   | 105 | 1.0 | 0.24 | 0.3 | 15  | - |  |
| YB2.5L-C-1 |     | DC    | 2.5 | 2.6  | 80  | 70   | 105 | 1.0 | 0.24 | 0.3 | 15  | - |  |
| YB2.5L-C-2 |     | DC    | 2.5 | 2.6  | 81  | 71   | 106 | 1.0 | 0.24 | 0.3 | 15  | - |  |
| YB3L-A     |     | DC    | 3   | 3.2  | 98  | 56   | 110 | 1.3 | 0.24 | 0.3 | 30  | 6 |  |
| YB3L-B     |     | DC/CP | 3   | 3.2  | 98  | 56   | 110 | 1.3 | 0.24 | 0.3 | 30  | 6 |  |
| YB4L-A     |     | DC    | 4   | 4.2  | 120 | 70   | 92  | 1.5 | 0.3  | 0.4 | 45  | 5 |  |
| YB4L-B     |     | DC/CP | 4   | 4.2  | 120 | 70   | 92  | 1.5 | 0.3  | 0.4 | 45  | 5 |  |
| YB5L-B     |     | DC/CP | 5   | 5.3  | 120 | 60   | 130 | 2.0 | 0.36 | 0.5 | 60  | 6 |  |
| YB6L-B     |     | DC    | 6   | 6.3  | 138 | 72.5 | 100 | 2.1 | 0.4  | 0.6 | 65  | 6 |  |
| YB7-A      |     | DC/CP | 8   | 8.4  | 135 | 75   | 133 | 3.0 | 0.6  | 0.8 | 105 | 6 |  |
| YB7B-B     |     | DC/CP | 7   | 7.4  | 150 | 60   | 130 | 3.1 | 0.5  | 0.7 | 80  | 6 |  |
| YB7C-A     |     | DC/CP | 7   | 7.4  | 130 | 90   | 114 | 3.0 | 0.6  | 0.8 | 75  | 3 |  |
| YB7L-B     |     | DC/CP | 8   | 8.4  | 135 | 75   | 133 | 2.9 | 0.6  | 0.8 | 75  | 6 |  |
| YB7L-B2    |     | DC    | 8   | 8.4  | 135 | 75   | 133 | 2.9 | 0.6  | 0.8 | 75  | 4 |  |
| YB9A-A     |     | DC    | 9   | 9.5  | 135 | 75   | 155 | 3.1 | 0.6  | 0.9 | 115 | 6 |  |
| YB9L-A2    |     | DC/CP | 9   | 9.5  | 135 | 75   | 139 | 3.1 | 0.6  | 0.9 | 100 | 2 |  |
| YB9-B      |     | DC/CP | 9   | 9.5  | 135 | 75   | 139 | 3.1 | 0.6  | 0.9 | 115 | 6 |  |
| YB9L-B     |     | DC    | 9   | 9.5  | 135 | 75   | 139 | 3.1 | 0.6  | 0.9 | 115 | 6 |  |
| YB10A-A2   |     | DC    | 11  | 11.6 | 135 | 90   | 155 | 4.0 | 0.8  | 1.1 | 120 | 8 |  |
| YB10L-A2   |     | DC/CP | 11  | 11.6 | 135 | 90   | 145 | 4.2 | 0.8  | 1.1 | 120 | 8 |  |
| YB10L-B    |     | DC/CP | 11  | 11.6 | 135 | 90   | 145 | 4.0 | 0.8  | 1.1 | 120 | 6 |  |
| YB10L-BP   |     | DC    | 12  | 12.6 | 135 | 90   | 145 | 4.0 | 0.8  | 1.1 | 165 | 6 |  |
| YB10L-B2   |     | DC    | 11  | 11.6 | 135 | 90   | 145 | 4.0 | 0.8  | 1.1 | 120 | 8 |  |
| YB12A-A    |     | DC/CP | 12  | 12.6 | 134 | 80   | 160 | 4.1 | 0.8  | 1.2 | 150 | 6 |  |
| YB12A-AK   |     | DC    | 10  | 10.5 | 134 | 80   | 160 | 3.5 | 0.8  | 1.0 | 165 | 6 |  |
| YB12AL-A   |     | DC    | 12  | 12.6 | 134 | 80   | 160 | 4.0 | 0.75 | 1.2 | 150 | 6 |  |
| YB12AL-A2  | (i) | DC/CP | 12  | 12.6 | 134 | 80   | 160 | 4.0 | 0.75 | 1.2 | 150 | 8 |  |
| YB12A-B    |     | DC/CP | 12  | 12.6 | 134 | 80   | 160 | 4.0 | 0.75 | 1.2 | 150 | 6 |  |
| YB12B-B2   |     | DC    | 11  | 11.6 | 160 | 90   | 130 | 4.0 | 0.8  | 1.2 | 140 | 8 |  |
| YB12C-A    |     | DC    | 12  | 12.6 | 134 | 80   | 175 | 4.3 | 0.8  | 1.2 | 150 | 4 |  |
| YB14-A2    |     | DC/CP | 14  | 14.7 | 134 | 89   | 166 | 4.6 | 0.9  | 1.4 | 175 | 8 |  |
| YB14-B2    |     | DC/CP | 14  | 14.7 | 134 | 89   | 166 | 4.6 | 0.9  | 1.4 | 175 | 8 |  |
| YB14A-A1   |     | DC    | 14  | 14.7 | 134 | 89   | 176 | 4.5 | 0.9  | 1.4 | 175 | 6 |  |
| YB14A-A2   |     | DC/CP | 14  | 14.7 | 134 | 89   | 176 | 4.5 | 0.9  | 1.4 | 175 | 8 |  |
| YB14L-A    |     | DC    | 14  | 14.7 | 134 | 89   | 166 | 4.6 | 0.9  | 1.4 | 190 | 6 |  |
| YB14L-A1   |     | DC    | 14  | 14.7 | 134 | 89   | 166 | 4.6 | 0.9  | 1.4 | 175 | 1 |  |
| YB14L-A2   |     | DC/CP | 14  | 14.7 | 134 | 89   | 166 | 4.6 | 0.9  | 1.4 | 175 | 8 |  |
| YB14L-B2   |     | DC/CP | 14  | 14.7 | 134 | 89   | 166 | 4.6 | 0.9  | 1.4 | 175 | 8 |  |
| SYB14L-A2  |     | DC    | 14  | 14.7 | 134 | 89   | 166 | 4.6 | 0.9  | 1.4 | 175 | 8 |  |
| SYB14L-B2  |     | DC    | 14  | 14.7 | 134 | 89   | 166 | 4.6 | 0.9  | 1.4 | 175 | 8 |  |
| YB16AL-A2  |     | DC/CP | 16  | 16.8 | 207 | 71.5 | 164 | 5.3 | 1.1  | 1.6 | 210 | 2 |  |
| HYB16A-AB  |     | DC    | 16  | 16.8 | 151 | 91   | 180 | 5.0 | 0.9  | 1.6 | 210 | 7 |  |



(i) Includes a terminal adaptor for converting to top mount.

\* CCA (Cold Cranking Amps) rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions.

DC = dry charged (contains 1 battery, acid not included)

CP = combipack (contains 1 battery and 1 acid pack)

WC = wet charged (contains 1 battery acid filled and charged)

# Motorcycle & Powersports Batteries continued

| Battery Type | Note | Pack Type | Capacity<br>Ah (10-HR) | Capacity<br>Ah (20-HR) | Dimensions - mm<br>(±2mm) |       |        | Weight with acid<br>(kg) | Acid volume<br>(Litre) | Charge current<br>(Amps) | CCA*<br>@ -18°C | Terminal Type<br>(refer to page 20) | Assembly Figure |
|--------------|------|-----------|------------------------|------------------------|---------------------------|-------|--------|--------------------------|------------------------|--------------------------|-----------------|-------------------------------------|-----------------|
|              |      |           |                        |                        | Length                    | Width | Height |                          |                        |                          |                 |                                     |                 |

## YUMICRON continued

|              |    |       |    |      |     |     |     |     |     |     |     |    |  |
|--------------|----|-------|----|------|-----|-----|-----|-----|-----|-----|-----|----|--|
| YB16-B       |    | DC/CP | 19 | 20.0 | 175 | 100 | 155 | 6.3 | 1.2 | 1.9 | 215 | 6  |  |
| YB16L-B      |    | DC/CP | 19 | 20.0 | 175 | 100 | 155 | 6.3 | 1.2 | 1.9 | 215 | 6  |  |
| YB16B-A      |    | DC    | 16 | 16.8 | 160 | 90  | 161 | 5.1 | 1.0 | 1.6 | 207 | 4  |  |
| YB16B-A1     |    | DC/CP | 16 | 16.8 | 160 | 90  | 161 | 5.1 | 1.0 | 1.6 | 207 | 7  |  |
| YB16C-B      |    | DC    | 19 | 20.0 | 175 | 100 | 175 | 6.1 | 1.2 | 1.9 | 240 | 5  |  |
| YB16CL-B     |    | DC/CP | 19 | 20.0 | 175 | 100 | 175 | 6.1 | 1.2 | 1.9 | 240 | 5  |  |
| YB18-A       |    | DC    | 18 | 18.9 | 180 | 90  | 162 | 5.8 | 1.2 | 1.8 | 215 | 7  |  |
| YB18L-A      |    | DC/CP | 18 | 18.9 | 180 | 90  | 162 | 5.8 | 1.2 | 1.8 | 215 | 7  |  |
| Y50-N18A-A   |    | DC    | 20 | 21.1 | 205 | 90  | 176 | 6.5 | 1.5 | 2.0 | 240 | 7  |  |
| Y50-N18L-A   |    | DC    | 20 | 21.1 | 205 | 90  | 162 | 7.4 | 1.4 | 2.0 | 240 | 7  |  |
| Y50-N18L-A3  |    | DC    | 20 | 21.1 | 205 | 90  | 162 | 7.4 | 1.4 | 2.0 | 240 | 4  |  |
| SY50-N18L-AT |    | DC/CP | 20 | 21.1 | 205 | 90  | 162 | 6.5 | 1.4 | 2.0 | 240 | 7  |  |
| Y60-N24-A    |    | DC    | 28 | 29.5 | 184 | 124 | 175 | 8.6 | 1.7 | 2.8 | 241 | 3  |  |
| Y60-N24L-A   |    | DC/CP | 28 | 29.5 | 184 | 124 | 175 | 8.6 | 1.7 | 2.8 | 241 | 3  |  |
| YB30L-B      |    | DC    | 30 | 31.6 | 168 | 132 | 176 | 8.5 | 1.7 | 3.0 | 300 | 4  |  |
| YB30CL-B     |    | DC    | 30 | 31.6 | 168 | 132 | 192 | 8.8 | 1.7 | 3.0 | 300 | 4  |  |
| 51814        | ** | DC/CP | -  | 18.0 | 186 | 82  | 171 | 5.6 | 1.0 | 1.9 | 100 | 10 |  |
| 51913        | ** | DC/CP | -  | 19.0 | 186 | 82  | 171 | 5.6 | 1.0 | 1.9 | 100 | 10 |  |
| 52015        | ** | DC    | -  | 20.0 | 186 | 82  | 171 | 5.6 | 1.0 | 2.0 | 110 | 10 |  |
| 52515        | ** | DC/CP | -  | 25.0 | 186 | 130 | 171 | 8.4 | 1.8 | 2.5 | 130 | 10 |  |
| 53030        | ** | DC/CP | -  | 30.0 | 186 | 130 | 171 | 9.4 | 1.6 | 3.0 | 180 | 10 |  |

## CONVENTIONAL 12 Volt

|             |  |       |     |      |     |     |     |     |     |     |     |   |  |
|-------------|--|-------|-----|------|-----|-----|-----|-----|-----|-----|-----|---|--|
| 12N5-3B     |  | DC/CP | 5   | 5.3  | 120 | 60  | 130 | 2.0 | 0.4 | 0.5 | 35  | 6 |  |
| 12N5-4B     |  | DC    | 5   | 5.3  | 120 | 60  | 130 | 2.0 | 0.4 | 0.5 | 39  | 6 |  |
| 12N5.5-3B   |  | DC/CP | 5.5 | 5.8  | 135 | 60  | 130 | 2.5 | 0.4 | 0.6 | 55  | 6 |  |
| 12N5.5-4A   |  | DC    | 5.5 | 5.8  | 135 | 60  | 130 | 2.5 | 0.4 | 0.6 | 55  | 2 |  |
| 12N5.5-4B   |  | DC    | 5.5 | 5.8  | 138 | 61  | 131 | 2.5 | 0.4 | 0.6 | 55  | 6 |  |
| 12N5.5A-3B  |  | DC/CP | 5.5 | 5.8  | 103 | 90  | 114 | 2.4 | 0.5 | 0.6 | 55  | 6 |  |
| 12N7-3B     |  | DC/CP | 7   | 7.4  | 135 | 75  | 133 | 3.0 | 0.5 | 0.7 | 70  | 6 |  |
| 12N7-4A     |  | DC/CP | 7   | 7.4  | 135 | 75  | 133 | 3.0 | 0.5 | 0.7 | 70  | 6 |  |
| 12N7-4B     |  | DC    | 7   | 7.4  | 135 | 75  | 133 | 3.0 | 0.5 | 0.7 | 70  | 6 |  |
| 12N7B-3A    |  | DC    | 7   | 7.4  | 151 | 61  | 131 | 2.9 | 0.5 | 0.7 | 70  | 6 |  |
| 12N7D-3B    |  | DC    | 7   | 7.4  | 135 | 75  | 150 | 2.9 | 0.6 | 0.7 | 70  | 6 |  |
| 12N9-3A     |  | DC    | 9   | 9.5  | 135 | 75  | 139 | 3.3 | 0.6 | 0.9 | 80  | 9 |  |
| 12N9-3B     |  | DC/CP | 9   | 9.5  | 135 | 75  | 139 | 3.2 | 0.6 | 0.9 | 85  | 6 |  |
| 12N9-4B-1   |  | DC/CP | 9   | 9.5  | 135 | 75  | 139 | 3.2 | 0.6 | 0.9 | 85  | 6 |  |
| 12N10-3A    |  | DC/CP | 10  | 10.5 | 135 | 90  | 145 | 3.9 | 0.8 | 1.0 | 100 | 6 |  |
| 12N10-3A-1  |  | DC    | 10  | 10.5 | 135 | 90  | 145 | 3.9 | 0.8 | 1.0 | 100 | 6 |  |
| 12N10-3A-2  |  | DC    | 10  | 10.5 | 135 | 90  | 145 | 3.9 | 0.8 | 1.0 | 100 | 8 |  |
| 12N10-3B    |  | DC/CP | 10  | 10.5 | 136 | 91  | 146 | 3.9 | 0.8 | 1.0 | 100 | 6 |  |
| 12N11-3A-1  |  | DC    | 11  | 11.6 | 135 | 90  | 155 | 3.6 | 0.8 | 1.1 | 109 | 8 |  |
| 12N11-3B    |  | DC    | 11  | 11.6 | 135 | 90  | 155 | 3.6 | 0.8 | 1.1 | 109 | 6 |  |
| 12N12-3B    |  | DC    | 12  | 12.6 | 202 | 76  | 134 | 4.4 | 0.8 | 1.2 | 108 | 6 |  |
| 12N12A-4A-1 |  | DC/CP | 12  | 12.6 | 134 | 80  | 160 | 3.7 | 0.7 | 1.2 | 120 | 6 |  |
| 12N14-3A    |  | DC/CP | 14  | 14.7 | 134 | 89  | 166 | 4.5 | 0.8 | 1.4 | 125 | 8 |  |
| 12N18-3     |  | DC    | 18  | 18.9 | 205 | 90  | 162 | 6.5 | 1.3 | 1.8 | 140 | 6 |  |
| 12N24-3A    |  | DC    | 24  | 25.3 | 184 | 124 | 175 | 7.9 | 1.8 | 2.4 | 200 | 3 |  |
| 12N24-3     |  | DC    | 24  | 25.3 | 184 | 124 | 175 | 7.9 | 1.8 | 2.4 | 200 | 3 |  |
| 12N24-4     |  | DC/CP | 24  | 25.3 | 184 | 124 | 179 | 7.6 | 1.6 | 2.4 | 190 | 3 |  |
| YHD-12      |  | DC    | 29  | 29.5 | 206 | 133 | 165 | 8.3 | 2.2 | 2.8 | 200 | 9 |  |

\* CCA (Cold Cranking Amps) rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions.

\*\* CCA values as mentioned are based on the DIN standard and are for reference only.

DC = dry charged (contains 1 battery, acid not included)

CP = combipack (contains 1 battery and 1 acid pack)

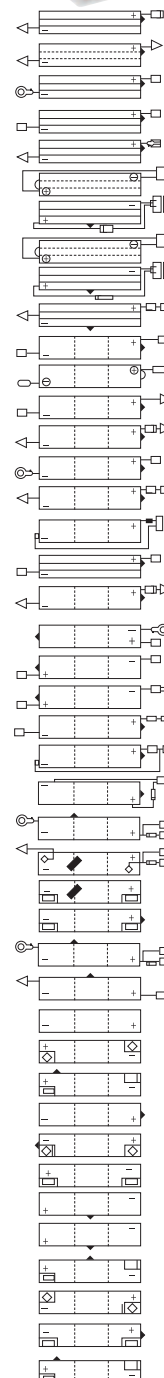
WC = wet charged (contains 1 battery acid filled and charged)

| Battery Type | Note | Pack Type | Capacity<br>Ah (10-HR) | Capacity<br>Ah (20-HR) | Dimensions - mm<br>(±2mm) |       |        | Weight with acid<br>(kg) | Acid volume<br>(Litre) | Charge current<br>(Amps) | CCA*<br>@ -18°C | Terminal Type<br>(refer to page 20) | Assembly Figure |
|--------------|------|-----------|------------------------|------------------------|---------------------------|-------|--------|--------------------------|------------------------|--------------------------|-----------------|-------------------------------------|-----------------|
|              |      |           |                        |                        | Length                    | Width | Height |                          |                        |                          |                 |                                     |                 |

## CONVENTIONAL 6 Volt



|           |  |       |     |      |     |    |     |     |      |     |  |   |
|-----------|--|-------|-----|------|-----|----|-----|-----|------|-----|--|---|
| 6N2-2A    |  | DC    | 2   | 2.1  | 70  | 47 | 96  | 0.5 | 0.1  | 0.2 |  | — |
| 6N2-2A-1  |  | DC    | 2   | 2.1  | 70  | 47 | 96  | 0.5 | 0.1  | 0.2 |  | — |
| 6N2-2A-3  |  | DC    | 2   | 2.1  | 70  | 47 | 96  | 0.5 | 0.1  | 0.2 |  | — |
| 6N2-2A-4  |  | DC    | 2   | 2.1  | 70  | 47 | 96  | 0.5 | 0.1  | 0.2 |  | — |
| 6N2-2A-8  |  | DC    | 2   | 2.1  | 70  | 47 | 96  | 0.5 | 0.1  | 0.2 |  | — |
| 6N2-2A-9  |  | DC    | 2   | 2.1  | 70  | 47 | 96  | 0.5 | 0.1  | 0.2 |  | — |
| 6N2A-2C   |  | DC    | 2   | 2.1  | 70  | 47 | 106 | 0.5 | 0.1  | 0.2 |  | — |
| 6N2A-2C-1 |  | DC    | 2   | 2.1  | 70  | 47 | 106 | 0.5 | 0.1  | 0.2 |  | — |
| 6N2A-2C-3 |  | DC    | 2   | 2.1  | 70  | 47 | 106 | 0.5 | 0.1  | 0.2 |  | — |
| 6N2A-2C-4 |  | DC    | 2   | 2.1  | 70  | 47 | 106 | 0.5 | 0.1  | 0.2 |  | — |
| 6N4-2A    |  | DC    | 4   | 4.2  | 71  | 71 | 96  | 0.8 | 0.2  | 0.4 |  | — |
| 6N4-2A-2  |  | DC    | 4   | 4.2  | 71  | 71 | 96  | 0.8 | 0.2  | 0.4 |  | — |
| 6N4-2A-3  |  | DC    | 4   | 4.2  | 71  | 71 | 96  | 0.8 | 0.2  | 0.4 |  | — |
| 6N4-2A-4  |  | DC    | 4   | 4.2  | 71  | 71 | 96  | 0.8 | 0.2  | 0.4 |  | — |
| 6N4-2A-5  |  | DC    | 4   | 4.2  | 71  | 71 | 96  | 0.8 | 0.2  | 0.4 |  | — |
| 6N4-2A-7  |  | DC    | 4   | 4.2  | 71  | 71 | 96  | 0.8 | 0.2  | 0.4 |  | — |
| 6N4-2A-8  |  | DC    | 4   | 4.2  | 71  | 71 | 96  | 0.8 | 0.2  | 0.4 |  | — |
| 6N4-2A-9  |  | DC    | 4   | 4.2  | 71  | 71 | 96  | 0.8 | 0.2  | 0.4 |  | — |
| 6N4-2A-12 |  | DC    | 4   | 4.2  | 71  | 71 | 96  | 0.8 | 0.2  | 0.4 |  | — |
| 6N4A-4D   |  | DC    | 4   | 4.2  | 61  | 57 | 131 | 1.0 | 0.2  | 0.4 |  | — |
| 6N4B-2A   |  | DC    | 4   | 4.2  | 102 | 48 | 96  | 1.0 | 0.2  | 0.4 |  | — |
| 6N4B-2A-3 |  | DC    | 4   | 4.2  | 102 | 48 | 96  | 1.0 | 0.2  | 0.4 |  | — |
| 6N4B-2A-4 |  | DC    | 4   | 4.2  | 102 | 48 | 96  | 1.0 | 0.2  | 0.4 |  | — |
| 6N4B-2A-5 |  | DC    | 4   | 4.2  | 102 | 48 | 96  | 1.0 | 0.2  | 0.4 |  | — |
| 6N4C-1B   |  | DC    | 4   | 4.2  | 71  | 71 | 105 | 0.8 | 0.2  | 0.4 |  | — |
| 6N5.5-1D  |  | DC    | 5.5 | 5.8  | 90  | 70 | 100 | 1.1 | 0.3  | 0.6 |  | — |
| 6N6-1B    |  | DC    | 6   | 6.3  | 99  | 57 | 111 | 1.2 | 0.3  | 0.6 |  | — |
| 6N6-3B    |  | DC    | 6   | 6.3  | 99  | 57 | 111 | 1.3 | 0.3  | 0.6 |  | 6 |
| 6N6-3B-1  |  | DC/CP | 6   | 6.3  | 99  | 57 | 111 | 1.3 | 0.3  | 0.6 |  | 6 |
| 6N6-1D    |  | DC    | 6   | 6.3  | 99  | 57 | 111 | 1.2 | 0.3  | 0.6 |  | — |
| 6N6-1D-2  |  | DC    | 6   | 6.3  | 99  | 57 | 111 | 1.2 | 0.3  | 0.6 |  | — |
| B39-6     |  | DC    | 7   | 7.4  | 126 | 48 | 126 | 1.7 | 0.3  | 0.7 |  | 6 |
| B49-6     |  | DC/CP | 8   | 8.4  | 91  | 83 | 161 | 2.1 | 0.5  | 0.8 |  | 6 |
| 6N11-2D   |  | DC    | 11  | 11.6 | 150 | 70 | 100 | 2.0 | 0.4  | 1.1 |  | 6 |
| 6N11A-1B  |  | DC    | 11  | 11.6 | 122 | 62 | 131 | 2.1 | 0.4  | 1.1 |  | 6 |
| 6N11A-3A  |  | DC/CP | 11  | 11.6 | 122 | 62 | 131 | 2.1 | 0.4  | 1.1 |  | 6 |
| 6N11A-4   |  | DC    | 11  | 11.6 | 122 | 62 | 131 | 2.1 | 0.4  | 1.1 |  | 6 |
| 6N12A-2C  |  | DC    | 12  | 12.6 | 156 | 57 | 116 | 2.0 | 0.5  | 1.2 |  | 9 |
| B54-6     |  | DC    | 12  | 12.6 | 156 | 57 | 116 | 2.3 | 0.5  | 1.2 |  | 6 |
| 6N12A-2D  |  | DC    | 12  | 12.6 | 156 | 57 | 116 | 2.3 | 0.45 | 1.2 |  | 6 |
| B38-6A    |  | DC    | 13  | 13.7 | 119 | 83 | 161 | 2.9 | 0.62 | 1.3 |  | 6 |
| 6YB8L-B   |  | DC    | 8   | 8.4  | 120 | 70 | 95  | 1.6 | 0.31 | 0.8 |  | 6 |
| 6YB11-2D  |  | DC    | 11  | 11.6 | 150 | 70 | 100 | 2.0 | 0.4  | 1.1 |  | 6 |



\* CCA (Cold Cranking Amps) rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions.  
DC = dry charged (contains 1 battery, acid not included)  
CP = combipack (contains 1 battery and 1 acid pack)  
WC = wet charged (contains 1 battery acid filled and charged)

## Motorcycle & Powersports Terminal Configurations

Terminal shapes vary from one battery to another. By identifying the correct replacement battery from the listing in this book, you are assured of the proper terminal configuration. For custom applications, refer to the following chart to identify terminal shape and corresponding batteries.

| Terminal Shape |                                                                                     |                                                                                     |                                                                                     | Battery Type                                                                                                  |                                                                                                           |                                                                                                         |                                                                                                       |                                                                                                       |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Type           | Front                                                                               | Side                                                                                | Top                                                                                 |                                                                                                               |                                                                                                           |                                                                                                         |                                                                                                       |                                                                                                       |
| 1              |    |    |    | YB14L-A1                                                                                                      | YTX16-BS-1                                                                                                |                                                                                                         |                                                                                                       |                                                                                                       |
| 2              |    |    |    | YB9L-A2                                                                                                       | YB16AL-A2                                                                                                 | 12N5.5-4A                                                                                               |                                                                                                       |                                                                                                       |
| 3              |    |    |    | Y60-N24-A                                                                                                     | 12N24-3                                                                                                   | 12N24-3A                                                                                                | YB7C-A                                                                                                | 12N24-4                                                                                               |
| 4              |    |    |    | YB12C-A<br>YTX14L-BS<br>YTX20CH-BS<br>YTX20HL-BS-PW                                                           | YB16B-A<br>YTX14AH-BS<br>YTX20-BS<br>YTX24HL-BS                                                           | Y50-N18L-A3<br>YTX14AHL-BS<br>YTX20L-BS<br>GYZ20L                                                       | YB30L-B<br>YTX14H-BS<br>YTX20H-BS<br>YTX16-BS                                                         | YB30CL-B<br>YTX15L-BS<br>YTX20HL-BS                                                                   |
| 5              |    |    |    | YTZ3<br>YTX5L-BS<br>YTX12-BS<br>YB4L-B                                                                        | YTZ5S<br>YTX7A-BS<br>YTX14-BS<br>YB16C-B                                                                  | YTZ6<br>YTX7L-BS<br>YTX20A-BS<br>YB16CL-B                                                               | YTZ7S<br>YTX9-BS<br>YIX30L                                                                            | YTX4L-BS<br>YT12A-BS<br>YB4L-A                                                                        |
| 6              |    |    |    | YB3L-A<br>YB7B-B<br>YB10L-B<br>YB14A-A1<br>YB16HL-A-CX<br>12N5.5-4B<br>12N9-3B<br>12N18-3<br>6N11-2D<br>B39-6 | YB3L-B<br>YB7L-B<br>YB10L-BP<br>YB14L-A<br>12N5-3B<br>12N7-3B<br>12N9-4B-1<br>6N6-3B<br>6N12A-2D<br>B49-6 | YB5L-B<br>YB9A-A<br>YB12A-A<br>YB16-B<br>12N5-4B<br>12N7-4A<br>12N10-3B<br>6N6-3B-1<br>6YB8L-B<br>B54-6 | YB6L-B<br>YB9-B<br>YB12A-B<br>YB16-B-CX<br>12N5.5-3B<br>12N7-4B<br>12N10-3B-A<br>6N11A-1B<br>6YB11-2D | YB7-A<br>YB9L-B<br>YB12AL-A<br>YB16L-B<br>12N5.5A-3B<br>12N7D-3B<br>12N12A-4A-1<br>6N11A-3A<br>B38-6A |
| 7              |    |    |    | HYB16A-AB<br>Y50-N18L-A<br>SY50-N18L-AT                                                                       | YB16B-A1**<br>Y50-N18L-A2                                                                                 | YB18-A<br>Y50-N18L-A-CX                                                                                 | YB18L-A<br>SY50-N18L-A                                                                                | Y50-N18A-A                                                                                            |
| 8              |   |   |   | YB10A-A2<br>YB14-A2<br>YB14-B2                                                                                | YB10L-A2<br>YB14A-A2<br>YB14L-B2                                                                          | YB10L-B2<br>YB14L-A2<br>12N10-3A-2                                                                      | YB12AL-A2*<br>SYB14L-A2<br>12N11-3A-1                                                                 | YB12B-B2<br>SYB14L-B2<br>12N14-3A                                                                     |
| 9              |  |  |  | YHD-12                                                                                                        | 6N12A-2C                                                                                                  | 12N9-3A                                                                                                 |                                                                                                       |                                                                                                       |
| 10             |  |  |  | 51814                                                                                                         | 52015                                                                                                     | 51913                                                                                                   | 52515                                                                                                 | 53030                                                                                                 |
| 11             |  |  |  | YT7B-BS<br>YTZ12S                                                                                             | YT9B-BS<br>YTZ14S                                                                                         | YT12B-BS                                                                                                | YT14B-BS                                                                                              | YTZ10S                                                                                                |
| 12             |  |  |  | YTR4A-BS                                                                                                      |                                                                                                           |                                                                                                         |                                                                                                       |                                                                                                       |
| 13             |  |  |  | YT4B-BS                                                                                                       |                                                                                                           |                                                                                                         |                                                                                                       |                                                                                                       |
| 14             |  |  |  | GYZ20H                                                                                                        | GYZ20HL                                                                                                   |                                                                                                         |                                                                                                       |                                                                                                       |

\*\* Includes terminal adaptor for converting to side mount.      \* Includes terminal adaptor for converting to top mount.



## Features

- World's number one powersports battery
- 100% vehicle parc coverage
- Exact fit not 'will-fit'
- Original Equipment for all major Motorcycle, ATV, Jet Ski and Snowmobile manufacturers

# Battery Testers, Analysers and Chargers

## YUASA TESTERS & BATTERY ANALYSERS

|          |                                                                    |
|----------|--------------------------------------------------------------------|
| MDX117   | Yuasa MDX117 Bike Tester                                           |
| MDX617   | Yuasa MDX617 Tester (without printer)                              |
| MDX617P  | Yuasa MDX617P Tester (with printer)                                |
| MDX627P  | Yuasa MDX627P Tester and Electrical System Analyser (with printer) |
| MDXPRINT | Yuasa MDX Tester Printer Roll                                      |
| Yu-Fit   | Yuasa Yu-Fit Battery Configuration Tool                            |



### Configuration Tool

New technology micro hybrid vehicles equipped with emission control systems may require replacement battery configuration. Battery configuration can be carried out using the new Yuasa Yu-Fit battery configuration tool. Combining the Yuasa Yu-Fit and the powerful Yuasa online fitting system, gives installers the complete battery replacement solution for modern start-stop & micro hybrid vehicles.



### Analysers

Yuasa's range of automotive and motorcycle battery analysers ensure the most up-to-date and accurate test results. A custom made solution that enables potential cost savings and increased revenues. Test more batteries and sell more batteries.

## YUASA SMART CHARGERS & ACCESSORIES

|               |                                                                           |
|---------------|---------------------------------------------------------------------------|
| YCX08A12 (E)  | YCX0.8 12V 0.8A Yuasa 6-Stage Smart Charger (UK or Euro Plug)             |
| YCX08A6 (E)   | YCX0.8 6V 0.8A Yuasa 4-Stage Smart Charger (UK or Euro Plug)              |
| YCX5A12 (E)   | YCX5.0 12V 5A Yuasa 8-Stage Smart Charger (UK or Euro Plug)               |
| YCX10A12 (E)  | YCX10 12V 10A Yuasa 8-Stage Smart Charger (UK or Euro Plug)               |
| YCX25A12L (E) | YCX25L 12V 25A Yuasa Workshop Charger, 6m Cable & Mount (UK or Euro Plug) |
| YCXCONM6      | Comfort Connector Lead - 0.4m Cable with M6 Eyelet                        |
| YCXLEDM6      | LED Charge Indicator - 0.55m Cable with M6 Eyelet                         |



### Features

- Intelligent (SMART) charging
- Reverse connection protection
- Spark proof connection
- Safe on-vehicle charging
- Suitable for new technology batteries\*
- Up to 8 charging phases

\*AGM and EFB

## Yu-Power CHARGERS

|            |                                                          |
|------------|----------------------------------------------------------|
| YPC09A12MC | Yu-Power 900ma 12V Motorcycle Battery Charger, UK Plug   |
| YPC2A6     | Yu-Power 2A 6V Charger - UK/Euro Plug c/w YPCCLIPMC      |
| YPC2A12    | Yu-Power 2A 12V Charger - UK/Euro Plug c/w YPCCLIPMC     |
| YPC4A12    | Yu-Power 4A 12V Charger - UK/Euro Plug c/w YPCCLIP       |
| YPC4A24    | Yu-Power 4A 24V Charger - UK/Euro plug c/w YPCCLIP       |
| YPC8A12    | Yu-Power 8A 12V Charger - UK/Euro Plug c/w YPCCLIP       |
| YPCCLIP    | Yu-Power 24" Cordset (Torberry to clips)                 |
| YPCCLIPMC  | Yu-Power 24" Cordset (std trailer to clips)              |
| YPCMOB     | Yu-Power 6" Cordset (male mobility plug to Torberry)     |
| YPCPK      | Yu-Power 24" Cordset (Powakaddy to Torberry)             |
| YPCRINGMC  | Yu-Power 24" Fused Ring Cordset (std trailer to rings)   |
| YPCTESTMC  | Yu-Power LED Battery Tester (trailer plug c/w YPCRINGMC) |



Yu-Power™ intelligent chargers utilise multi stage proportional timing technology to ensure safe and efficient charging of lead acid batteries. The use of proportional timing during the bulk charging mode ensures the best balance of maximum state of charge, without damaging the battery before switching to the float charging mode. Once in float charge mode the charger will charge the battery and maintain it at 100% state of charge whilst using an ECO mode to save power.

# Industrial Batteries

|             |         |                     |                     |             |            |             |                     |                   | Terminal Type                   |                 |          |
|-------------|---------|---------------------|---------------------|-------------|------------|-------------|---------------------|-------------------|---------------------------------|-----------------|----------|
| Part Number | Voltage | Capacity Ah (20hr)* | Capacity Ah (10hr)* | Length (mm) | Width (mm) | Height (mm) | Overall height (mm) | Typical Mass (kg) | Faston -Quick fit/ release (mm) | Female Threaded | Lug Type |



## YUASA NP SERIES BATTERIES

|            |    |     |      |     |      |      |       |      |      |    |     |
|------------|----|-----|------|-----|------|------|-------|------|------|----|-----|
| NP1-6      | 6  | 1   | 0.93 | 51  | 42.5 | -    | 54.5  | 0.25 | 4.75 | -  | -   |
| NP1.2-6    | 6  | 1.2 | 1.1  | 97  | 25   | -    | 54.5  | 0.31 | 4.75 | -  | -   |
| NP2.8-6    | 6  | 2.8 | 2.5  | 134 | 34   | -    | 64    | 0.57 | 4.75 | -  | -   |
| NP4-6      | 6  | 4   | 3.7  | 70  | 47   | -    | 105.5 | 0.87 | 4.75 | -  | -   |
| NP7-6      | 6  | 7   | 6.5  | 151 | 34   | -    | 97.5  | 1.32 | 4.75 | -  | -   |
| NP10-6     | 6  | 10  | 9.2  | 151 | 50   | -    | 97.5  | 1.93 | 4.75 | -  | -   |
| NP12-6     | 6  | 12  | 11.1 | 151 | 50   | -    | 97.5  | 2.05 | 6.35 | -  | -   |
| NP0.8-12   | 12 | 0.8 | 0.74 | 96  | 25   | 61.5 | -     | 0.35 | -    | -  | -   |
| NP1.2-12   | 12 | 1.2 | 1.1  | 97  | 48   | -    | 54.5  | 0.58 | 4.75 | -  | -   |
| NP1.2-12FR | 12 | 1.2 | 1.1  | 97  | 48   | -    | 54.5  | 0.58 | 4.75 | -  | -   |
| NP2-12     | 12 | 2   | 1.86 | 150 | 20   | 89   | -     | 0.7  | 4.75 | -  | -   |
| NP2.1-12   | 12 | 2.1 | 1.9  | 178 | 34   | -    | 64    | 0.82 | 4.75 | -  | -   |
| NP2.3-12   | 12 | 2.3 | 2.1  | 178 | 34   | -    | 64    | 0.95 | 4.75 | -  | -   |
| NP2.7-12   | 12 | 2.7 | 2.48 | 79  | 55   | -    | 106   | 1.1  | 4.75 | -  | -   |
| NP2.8-12   | 12 | 2.8 | 2.5  | 134 | 67   | -    | 64    | 1.12 | 4.75 | -  | -   |
| NP3.2-12   | 12 | 3.2 | 2.9  | 134 | 67   | -    | 64    | 1.2  | 4.75 | -  | -   |
| NP3.2-12FR | 12 | 3.2 | 2.9  | 134 | 67   | -    | 64    | 1.2  | 4.75 | -  | -   |
| NP4-12     | 12 | 4   | 3.7  | 90  | 70   | -    | 106   | 1.75 | 4.75 | -  | -   |
| NP7-12     | 12 | 7   | 6.4  | 151 | 65   | -    | 97.5  | 2.2  | 4.75 | -  | -   |
| NP7-12FR   | 12 | 7   | 6.4  | 151 | 65   | -    | 97.5  | 2.2  | 4.75 | -  | -   |
| NP7-12L    | 12 | 7   | 6.4  | 151 | 65   | -    | 97.5  | 2.2  | 6.35 | -  | -   |
| NP7-12LFR  | 12 | 7   | 6.4  | 151 | 65   | -    | 97.5  | 2.2  | 6.35 | -  | -   |
| NP12-12    | 12 | 12  | 11.1 | 151 | 98   | -    | 97.5  | 4.05 | 6.35 | -  | -   |
| NP12-12FR  | 12 | 12  | 11.1 | 151 | 98   | -    | 97.5  | 4.05 | 6.35 | -  | -   |
| NP17-12I   | 12 | 17  | 15.7 | 181 | 76   | 167  | -     | 6.1  | -    | M5 | -   |
| NP17-12IFR | 12 | 17  | 15.7 | 181 | 76   | 167  | -     | 6.1  | -    | M5 | -   |
| NP18-12B   | 12 | 18  | 16   | 180 | 76   | 167  | -     | 6.2  | -    | -  | 5mm |
| NP24-12    | 12 | 24  | 22.3 | 166 | 175  | 125  | -     | 9.0  | -    | M5 | -   |
| NP38-12    | 12 | 38  | 35.3 | 197 | 165  | 170  | -     | 14.2 | -    | M5 | -   |
| NP65-12    | 12 | 65  | 60.5 | 350 | 166  | 174  | -     | 23.0 | -    | M6 | -   |



## YUASA NPL SERIES BATTERIES

|            |    |     |       |     |     |     |   |      |   |    |      |
|------------|----|-----|-------|-----|-----|-----|---|------|---|----|------|
| NPL24-12   | 12 | 24  | 21.12 | 166 | 175 | 125 | - | 9.0  | - | M5 | -    |
| NPL24-12FR | 12 | 24  | 21.12 | 166 | 175 | 125 | - | 9.0  | - | M5 | -    |
| NPL38-12   | 12 | 38  | 33.44 | 197 | 165 | 170 | - | 14.0 | - | M5 | -    |
| NPL38-12FR | 12 | 38  | 33.44 | 197 | 165 | 170 | - | 14.0 | - | M5 | -    |
| NPL65-12   | 12 | 65  | 57.2  | 350 | 166 | 174 | - | 23.0 | - | M6 | -    |
| NPL65-12FR | 12 | 65  | 57.2  | 350 | 166 | 174 | - | 23.0 | - | M6 | -    |
| NPL78-12FR | 12 | 78  | 68.64 | 380 | 166 | 174 | - | 27.5 | - | M8 | -    |
| NPL100-12  | 12 | 100 | 88    | 407 | 172 | 240 | - | 39.0 | - | -  | 10mm |
| NPL130-6FR | 6  | 130 | 114.4 | 350 | 166 | 174 | - | 23.0 | - | M6 | -    |
| NPL200-6   | 6  | 200 | 176   | 398 | 176 | 250 | - | 39.0 | - | -  | 10mm |

\*to 1.75 Volts per Cell at 20°C

|             |         |                     |                     |             |            |             |                     |                   | Terminal Type                   |                 |             |
|-------------|---------|---------------------|---------------------|-------------|------------|-------------|---------------------|-------------------|---------------------------------|-----------------|-------------|
| Part Number | Voltage | Capacity Ah (20hr)* | Capacity Ah (10hr)* | Length (mm) | Width (mm) | Height (mm) | Overall height (mm) | Typical Mass (kg) | Faston -Quick fit/ release (mm) | Female Threaded | Torque (Nm) |



## YUASA REC SERIES BATTERIES

|          |    |       |       |     |      |       |       |       |      |    |         |
|----------|----|-------|-------|-----|------|-------|-------|-------|------|----|---------|
| REC10-12 | 12 | 10.00 | 9.00  | 151 | 65   | 112   | 115.5 | 3.20  | 6.35 | -  | -       |
| REC12-12 | 12 | 12.00 | 11.00 | 151 | 98   | 94    | 97.5  | 4.20  | 6.35 | -  | -       |
| REC14-12 | 12 | 13.00 | 11.60 | 151 | 98   | 94    | 97.5  | 4.20  | 6.35 | -  | -       |
| REC22-12 | 12 | 22.00 | 19.70 | 181 | 76.2 | -     | 167   | 6.20  | -    | M5 | 2.0-3.0 |
| REC26-12 | 12 | 26.00 | 23.50 | 166 | 175  | 125   | -     | 6.10  | -    | M5 | 2.0-3.0 |
| REC36-12 | 12 | 36.00 | 32.00 | 196 | 130  | 158   | 169   | 11.20 | -    | M5 | 2.0-3.0 |
| REC50-12 | 12 | 50.00 | 40.00 | 197 | 165  | -     | 175   | 15.30 | -    | M5 | 2.0-3.0 |
| REC80-12 | 12 | 80.00 | 74.00 | 259 | 168  | 212.5 | 212.5 | 27.00 | -    | M6 | 3.9-5.4 |

\*to 1.75 Volts per Cell at 20°C

## CONNECTORS & ACCESSORIES

| Part Number | Description                                    |
|-------------|------------------------------------------------|
| PK36        | Powakaddy Adaptor for REC36-12/YPC33-12        |
| PK22Y       | Powakaddy Adaptor for YPC22-12                 |
| PK26        | Powakaddy Adaptor for REC26-12/YPC26-12        |
| PK22        | Powakaddy Adaptor for REC22-12                 |
| GB12210     | Battery Carry Bag (suitable 17/18/22Ah models) |
| GB12260     | Battery Carry Bag (suitable 24/26Ah models)    |
| GB12360     | Battery Carry Bag (suitable 33/36Ah models)    |
| TORB1       | Torbury Connector for M5/M6 terminal           |

## YUASA REC GOLF & MOBILITY RANGE

Now available with individual retail packaging:  
REC14-12, REC22-12,  
REC 26-12 & REC36-12





Yuasa Battery Europe Ltd

|            |                   |
|------------|-------------------|
| Cat. No.   | April 2015 LIT017 |
| E. & O. E. |                   |

[www.yuasaeurope.com](http://www.yuasaeurope.com)