

Discharge table at 20 degree Celsius

May, 2019

To Whom It May Concern:

CSB brand HR1234WF2 and HRL1234WF2 is designed for standby application, and the estimated discharge table at 20 degree Celsius is offered as below.

HR1234W

Constant Current Discharge Characteristics Unit: A (20°C, 68°F)												
F.V/Time	2MIN	4MIN	5MIN	6MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
1.60V	68.5	46.8	39.7	34.9	28.3	23.8	17.3	13.7	9.95	7.12	5.65	4.09
1.67V	62.3	44.5	38.3	34.0	27.8	23.5	17.1	13.6	9.83	7.10	5.64	4.08
1.70V	59.3	43.0	37.4	33.3	27.4	23.2	17.0	13.5	9.80	7.09	5.63	4.07
1.75V	53.9	40.1	35.4	31.9	26.4	22.6	16.7	13.3	9.66	7.03	5.59	4.05
1.80V	48.6	36.6	32.7	29.6	24.9	21.4	16.2	13.0	9.49	6.89	5.49	3.99
1.85V	42.8	33.2	29.4	26.7	22.8	19.8	15.1	12.2	9.06	6.60	5.28	3.85

Constant Power Discharge Characteristics Unit: W (20°C, 68°F)												
F.V/Time	2MIN	4MIN	5MIN	6MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
1.60V	682	485	424	379	314	268	199	159	116	83.8	66.8	48.6
1.67V	636	470	413	371	310	266	198	158	115	83.6	66.7	48.5
1.70V	626	460	406	366	306	264	197	157	114	83.5	66.6	48.5
1.75V	586	437	389	352	298	257	194	156	113	82.9	66.3	48.3
1.80V	540	406	366	333	285	247	188	152	112	81.5	65.3	47.8
1.85V	480	371	334	307	264	231	178	144	107	78.6	63.2	46.4

HRL1234W

Constant Current Discharge Characteristics Unit: A (20°C, 68°F)												
F.V/Time	2MIN	4MIN	5MIN	6MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
1.60V	71.3	47.0	40.6	35.9	29.3	24.9	18.0	14.3	10.33	7.34	5.78	4.14
1.67V	64.3	45.0	39.3	35.0	28.9	24.6	17.9	14.2	10.24	7.32	5.77	4.13
1.70V	61.0	43.6	38.4	34.3	28.5	24.3	17.8	14.1	10.14	7.30	5.76	4.12
1.75V	55.5	40.8	36.3	32.8	27.4	23.6	17.4	13.9	10.04	7.23	5.71	4.10
1.80V	49.2	37.3	33.5	30.6	25.9	22.4	16.8	13.5	9.84	7.08	5.61	4.04
1.85V	42.4	33.1	30.1	27.5	23.7	20.6	15.7	12.7	9.36	6.76	5.37	3.89

Constant Power Discharge Characteristics Unit: W (20°C, 68°F)												
F.V/Time	2MIN	4MIN	5MIN	6MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
1.60V	697	496	437	391	324	278	206	165	121	86.4	68.6	49.6
1.67V	647	481	426	383	320	275	205	164	119	86.2	68.5	49.6
1.70V	637	471	418	378	316	273	204	163	119	86.1	68.4	49.4
1.75V	590	447	399	363	307	266	201	161	118	85.4	68.0	49.2
1.80V	538	413	374	341	293	255	195	157	116	83.9	66.9	48.6
1.85V	477	374	339	312	271	237	184	149	111	80.7	64.5	47.1

Product Team
Hitachi Chemical Energy Technology Co., Ltd.