



VRLA Rechargeable Battery

SHR10-6



FEATURES

- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Can be used in any orientation(excluding used inverted)
- The battery is designed for high rate usage
- Absorbent Glass Mat technology for efficient gas recombination
- The power density at 2 min~15min discharging rate is 50% higher than BP series

APPLICATION

- UPS
- Fishing Lights
- Power Packs
- Emergency Lights
- Toy-Cars



SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	15 Min Rate (40W, 1.60V/Cell)
Approx. Weight	1410g(3.11lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	≤ 6mΩ (Fully Charged)
Max. Discharge Current	130 A (5 sec.)
Max. Charge Current	2.7 A
Operating Temperature Range	Charge : 0°C~40°C(32°F~104°F) Discharge : -20°C~50°C(-4°F~122°F) Storage : -20°C~40°C(-4°F~104°F)
Container Material	Standard: ABS(UL 94-HB) SHR10-6 Optional: Flame Retardant ABS(UL 94-V0) SHR10-6FR

ISO9001	MH19884
ISO14001	CAM20310-2474-E-16
OHSMS	
<ul style="list-style-type: none"> ● IEC 61056-1 ● JIS C 8702-1 ● GB/T 19639.1 	

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
Length 151±1.5 (5.94±0.06) Width 34±1.5 (1.34±0.06) Container Height 94±1.5 (3.70±0.06) Total Height 100±2.0 (3.94±0.08)		

Constant power discharge characteristics at 25 °C/77 °F Unit: W

F.V. (V/cell)	Discharge Time	2 Min	3 Min	5 Min	10 Min	15 Min	20 Min	30 Min	40 Min	50 Min	60 Min	120 Min
1.80V		380	304	225	147	114	93	68.3	49.8	43.4	38.9	21.0
1.75V		408	327	242	156	116	95	69.8	51.2	44.5	39.5	21.3
1.70V		429	343	251	159	118	97	70.5	51.8	44.9	39.7	21.4
1.67V		438	353	260	163	119	98	71.2	52.4	45.3	39.8	21.7
1.60V		446	362	270	166	120	99	71.7	53.0	45.6	40.0	21.7
1.50V		451	366	272	167	120	99	71.9	53.1	45.7	40.1	21.8

Constant current discharge characteristics at 25 °C/77 °F Unit: A

F.V. (V/cell)	Discharge Time	2 Min	3 Min	5 Min	10 Min	15 Min	20 Min	30 Min	40 Min	50 Min	60 Min	120 Min
1.80V		70.0	55.8	40.4	25.7	19.71	15.88	11.58	8.46	7.29	6.54	3.50
1.75V		75.2	60.3	43.8	27.4	20.10	16.34	11.90	8.70	7.50	6.65	3.56
1.70V		79.3	63.4	45.4	28.0	20.38	16.59	12.01	8.93	7.56	6.68	3.57
1.67V		81.1	65.2	47.2	28.7	20.67	16.77	12.14	8.81	7.63	6.71	3.61
1.60V		82.8	67.0	49.0	29.3	20.86	16.95	12.25	9.04	7.70	6.74	3.64
1.50V		83.8	67.7	49.4	29.5	20.95	16.99	12.28	9.06	7.72	6.75	3.64

All data and artworks shall be changed without prior notice, BB reserves the right to explain and update the information contained hereinto.

For operation, please refer to the instruction from technical manual.

A/0 REV. Apr. 2014

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