



VRLA Rechargeable Battery

BP1.0-6



FEATURES

- Maintenance free(no water topping-up required).
- No free acid(Non-spillable battery).
- Low self-discharge rate, lower than 3% capacity loss per month.
- Can be used in any orientation(excluding used inverted).
- Absorbent Glass Mat technology for efficient gas recombination.

APPLICATION

- UPS
- Security
- Medical
- Lojack



SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	1.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	250g(0.55lbs.)
Terminals	T1 (Faston Tab 187)
Internal Resistance	≤65m Ω (Fully Charged)
Max. Discharge Current	15 A (5 sec.)
Max. Charge Current	0.3 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) BP1.0-6 Optional: Flame Retardant ABS(UL 94-V0) BP1.0-6FR



- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
Length 51±1.5 (2.01±0.06)		Terminal T1
Width 42±1.5 (1.65±0.06)		
Container Height 51±1.5 (2.01±0.06)		
Total Height 56±2.0 (2.20±0.08)		

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

F.V. (V/cell) \ Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	18.08	13.31	10.66	6.35	3.639	1.457	1.005	0.562	0.296
1.75V	20.92	14.42	11.15	6.59	3.748	1.487	1.020	0.570	0.300
1.70V	22.23	14.94	11.50	6.74	3.816	1.500	1.026	0.573	0.300
1.65V	23.23	15.29	11.76	6.83	3.861	1.510	1.029	0.575	0.300
1.60V	24.00	15.60	12.00	6.90	3.900	1.520	1.032	0.575	0.300

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

F.V. (V/cell) \ Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	3.26	2.34	1.85	1.075	0.612	0.243	0.167	0.094	0.049
1.75V	3.84	2.54	1.94	1.116	0.630	0.248	0.170	0.095	0.050
1.70V	4.08	2.63	2.00	1.142	0.641	0.250	0.171	0.095	0.050
1.65V	4.26	2.69	2.05	1.158	0.649	0.252	0.172	0.096	0.050
1.60V	4.40	2.75	2.09	1.169	0.655	0.253	0.172	0.096	0.050

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