



VRLA Rechargeable Battery

BP1.0-6



FEATURES

- Maintenance Free (topping up not needed)
- Non - spillable (no free electrolyte)
- Low Self Discharge, less than 3% per month
- both Vertical & Horizontal installations

APPLICATIONS

- UPS
- Security Systems
- Medical Equipment



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(UL94 HB) BP1.0-6 Optional: Flame Retardant ABS(UL94 V-0) BP1.0-6FR

RU[®]
MH19884

CE

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> ■ Length 51±1.5(2.01±0.06) ■ 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) 		<ul style="list-style-type: none"> ● Terminal T1

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

Discharge Time F.V.	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
5.40V	18.08	13.31	10.66	6.35	3.639	1.457	1.005	0.562	0.296
5.25V	20.92	14.42	11.15	6.59	3.748	1.487	1.020	0.570	0.300
5.10V	22.23	14.94	11.50	6.74	3.816	1.500	1.026	0.573	0.300
4.95V	23.23	15.29	11.76	6.83	3.861	1.510	1.029	0.575	0.300
4.80V	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

Discharge Time F.V.	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
5.40V	3.26	2.34	1.85	1.075	0.612	0.243	0.167	0.094	0.049
5.25V	3.84	2.54	1.94	1.116	0.630	0.248	0.170	0.095	0.050
5.10V	4.08	2.63	2.00	1.142	0.641	0.250	0.171	0.095	0.050
4.95V	4.26	2.69	2.05	1.158	0.649	0.252	0.172	0.096	0.050
4.80V	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 herein.