



VRLA Rechargeable Battery

BP4-6



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
- Power Packs
- Emergency Lighting
- R/C Cars & Planes



SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	4.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	850g(1.87lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≤25mΩ (Fully Charged)
Max. Discharge Current	60 A (5 sec.)
Max. Charge Current	1.20 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) BP4-6 Optional: Flame Retardant ABS(UL94 V-0) BP4-6FR

MH19884

CE

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<p>■ Length 70±1.5 (2.76±0.06)</p> <p>■ Width 47±1.5 (1.85±0.06)</p> <p>■ Container Height 101±1.5 (3.98±0.06)</p> <p>■ Total Height 106±2.0 (4.17±0.08)</p>		<p>● Terminal T1</p> <p>● Terminal T2</p>

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

Discharge F.V. / Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
5.40V	72.31	53.23	42.66	25.38	14.556	5.830	4.020	2.246	1.182
5.25V	83.70	57.67	44.62	26.34	14.993	5.946	4.080	2.280	1.200
5.10V	88.93	59.74	46.00	26.95	15.262	6.000	4.102	2.291	1.206
4.95V	92.92	61.18	47.06	27.33	15.446	6.042	4.117	2.298	1.212
4.80V	96.00	62.40	48.00	27.60	15.600	6.078	4.129	2.298	1.212

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

Discharge F.V. / Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
5.40V	13.03	9.37	7.42	4.30	2.446	0.972	0.670	0.374	0.197
5.25V	15.36	10.15	7.76	4.47	2.520	0.991	0.680	0.380	0.200
5.10V	16.32	10.52	8.00	4.57	2.565	1.000	0.684	0.382	0.201
4.95V	17.05	10.77	8.18	4.63	2.596	1.007	0.686	0.383	0.202
4.80V	17.61	10.99	8.35	4.68	2.622	1.013	0.688	0.383	0.202

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