



VRLA Rechargeable Battery

BP3-6



Measures Technology Values Innovation

FEATURES

- Maintenance Free (topping up not needed)
- Non - spillable (no free electrolyte)
- Low Self Discharge, less than 3% per month
- both Vertical & Horizontal installations
- Its design life is up to 8 years in floating application

APPLICATIONS

- UPS
- Security Systems
- Medical Equipment
- Power Packs
- Emergency Lighting
- R/C Cars & Planes



SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	3.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	650g(1.43lbs.)
Terminals	T1 (Faston Tab 187)
Internal Resistance	≤25m Ω (Fully Charged)
Max. Discharge Current	45 A (5 sec.)
Max. Charge Current	0.9 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) BP3-6 Optional: Flame Retardant ABS(UL 94-V0) BP3-6FR



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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
Length 134±1.5 (5.28±0.06)		Terminal T1
Width 34±1.5 (1.34±0.06)		
Container Height 60±1.5 (2.36±0.06)		
Total Height 66±2.0 (2.60±0.08)		

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	54.23	39.92	31.99	19.04	10.917	4.372	3.015	1.685	0.887
5.25V	62.77	43.25	33.46	19.76	11.245	4.460	3.060	1.710	0.900
5.10V	66.69	44.81	34.50	20.21	11.447	4.500	3.077	1.719	0.906
4.95V	69.69	45.88	35.29	20.50	11.584	4.531	3.087	1.724	0.906
4.80V	72.00	46.80	36.00	20.70	11.700	4.559	3.097	1.724	0.906

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	9.77	7.03	5.56	3.23	1.835	0.729	0.502	0.281	0.148
5.25V	11.52	7.61	5.82	3.35	1.890	0.743	0.510	0.285	0.150
5.10V	12.24	7.89	6.00	3.43	1.924	0.750	0.513	0.286	0.151
4.95V	12.79	8.08	6.14	3.47	1.947	0.755	0.515	0.287	0.151
4.80V	13.21	8.24	6.26	3.51	1.966	0.760	0.516	0.287	0.151

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