



VRLA Rechargeable Battery

BP4.5-6



FEATURES

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

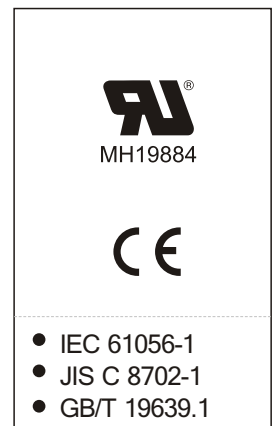
APPLICATIONS

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



SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	4.5Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	910g(2.0lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≤21m Ω (Fully Charged)
Max. Discharge Current	67.5 A (5 sec.)
Max. Charge Current	1.35 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) BP4.5-6 Optional: Flame Retardant ABS(UL94 V-0) BP4.5-6FR



DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
Length 70±1.5 (2.76±0.06) Width 48±1.5 (1.89±0.06) Container Height 102±1.5 (4.02±0.06) Total Height 107±2.0 (4.21±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	81.35	59.89	47.99	28.55	16.38	6.558	4.522	2.527	1.330
5.25V	94.16	64.88	50.20	29.64	16.87	6.690	4.590	2.565	1.350
5.10V	100.04	67.21	51.75	30.32	17.17	6.750	4.615	2.578	1.356
4.95V	104.54	68.82	52.94	30.74	17.38	6.797	4.631	2.586	1.362
4.80V	108.00	70.20	54.00	31.05	17.55	6.838	4.645	2.586	1.362

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	14.66	10.54	8.35	4.84	2.752	1.093	0.754	0.421	0.222
5.25V	17.28	11.42	8.73	5.02	2.835	1.115	0.765	0.427	0.225
5.10V	18.36	11.83	9.00	5.14	2.886	1.125	0.769	0.430	0.226
4.95V	19.18	12.12	9.21	5.21	2.920	1.133	0.772	0.431	0.227
4.80V	19.82	12.36	9.39	5.26	2.950	1.140	0.774	0.431	0.227

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