



VRLA Rechargeable Battery

BP8-6



FEATURES

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

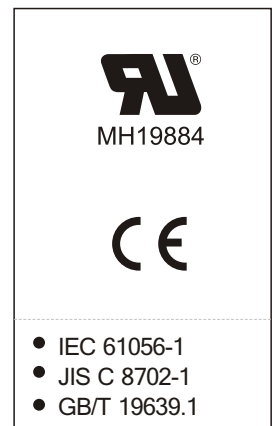
APPLICATIONS

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



SPECIFICATIONS

Nominal Voltage	6 V
Nominal Capacity	8.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1350g(2.98lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≤12.5mΩ (Fully Charged)
Max. Discharge Current	120 A (5 sec.)
Max. Charge Current	2.4 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) BP8-6 Optional: Flame Retardant ABS(UL94 V-0) BP8-6FR



DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
Length 151±1.5 (5.94±0.06) Width 34±1.5 (1.34±0.06) Container Height 94±1.5 (3.70±0.06) Total Height 100±2.0 (3.94±0.08)		Terminal T1 Terminal T2

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	144.6	106.5	85.3	50.8	29.1	11.66	8.04	4.49	2.36
5.25V	167.4	115.3	89.2	52.7	30.0	11.89	8.16	4.56	2.40
5.10V	177.9	119.5	92.0	53.9	30.5	12.00	8.20	4.58	2.41
4.95V	185.8	122.4	94.1	54.7	30.9	12.08	8.23	4.60	2.42
4.80V	192.0	124.8	96.0	55.2	31.2	12.16	8.26	4.60	2.42

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	26.06	18.74	14.84	8.60	4.89	1.94	1.340	0.749	0.394
5.25V	30.71	20.31	15.52	8.93	5.04	1.98	1.360	0.760	0.400
5.10V	32.63	21.04	16.00	9.14	5.13	2.00	1.367	0.764	0.402
4.95V	34.10	21.54	16.37	9.26	5.19	2.01	1.372	0.766	0.403
4.80V	35.23	21.97	16.70	9.36	5.24	2.03	1.376	0.766	0.403

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