



VRLA Rechargeable Battery

BP3.6-12



FEATURES

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

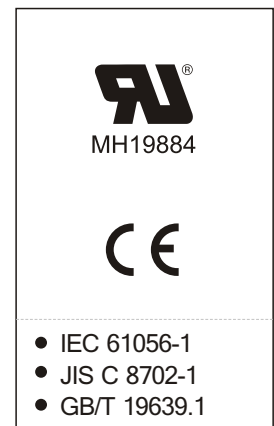
APPLICATIONS

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



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	3.6Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1320g(2.91lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≤50m Ω (Fully Charged)
Max. Discharge Current	54 A (5 sec.)
Max. Charge Current	1.08 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) BP3.6-12 Optional: Flame Retardant ABS(UL94 V-0) BP3.6-12FR



- 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 134±1.5 (5.28±0.06) ■ Width 67±1.5 (2.64±0.06) ■ Container Height 60±1.5 (2.36±0.06) ■ Total Height 66±2.0 (2.60±0.08) 		<ul style="list-style-type: none"> ● Terminal T1 3.2(0.13) x 4.75(0.19) x 6.35(0.25) x 0.8(0.03) ● Terminal T2 3.4(0.13) x 6.35(0.25) x 7.95(0.31) x 0.8(0.03)

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	
10.8V	130.2	95.8	76.8	45.69	26.20	10.49	7.235	4.043	2.128	
10.5V	150.7	103.8	80.3	47.42	26.99	10.70	7.344	4.104	2.160	
10.2V	160.1	107.5	82.8	48.51	27.47	10.80	7.384	4.124	2.174	
9.9V	167.3	110.1	84.7	49.19	27.80	10.88	7.410	4.137	2.174	
9.6V	172.8	112.3	86.4	49.68	28.08	10.94	7.432	4.137	2.174	

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	
10.8V	11.73	8.43	6.68	3.87	2.202	0.874	0.603	0.337	0.177	
10.5V	13.82	9.14	6.98	4.02	2.268	0.892	0.612	0.342	0.180	
10.2V	14.68	9.47	7.20	4.11	2.309	0.900	0.615	0.344	0.181	
9.9V	15.34	9.69	7.37	4.17	2.336	0.906	0.617	0.345	0.181	
9.6V	15.85	9.89	7.51	4.21	2.360	0.912	0.619	0.345	0.181	

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