



VRLA Rechargeable Battery

EP17-12



FEATURES

- Absorbent Glass Mat technology for efficient gas recombination
- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Can be used in any orientation(excluding used inverted)
- The battery is designed for heavy duty cyclic application
- Low self-discharge rate, lower than 3% capacity loss per month

APPLICATION

- UPS
- Fishing Lights
- Lawn Mowers
- Electrical Bicycle



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	17Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	6200g(13.67lbs.)
Terminals	B1 (Fitting M5 bolt & nut) , T2 and I1 are optional
Internal Resistance	≤16m Ω (Fully Charged)
Max. Discharge Current	255 A (5 sec.)
Max. Charge Current	5.1 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) EP17-12 Optional: Flame Retardant ABS(UL 94-V0) EP17-12FR

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
Length 181±1.5 (7.13±0.06)		<ul style="list-style-type: none"> ● Terminal B1 ● Terminal T2 ● Terminal I1 <p>Terminal Hardware Initial Torque: B1 (2.5Nm±5%),I1(4.0Nm±5%)</p>
Width 76±1.5 (2.99±0.06)		
Container Height 166±1.5 (6.54±0.06)		
Total Height 166±1.5 (6.54±0.06)		

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

F.V. (V/cell) \ Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	554.0	416.3	337.1	202.8	117.50	49.50	34.20	19.09	9.98
1.75V	641.0	451.0	352.9	210.6	120.90	50.50	34.70	19.38	10.20
1.70V	680.0	467.3	363.6	215.2	123.10	51.00	35.00	19.48	10.25
1.65V	712.0	478.4	372.1	218.3	124.80	51.50	35.20	19.53	10.27
1.60V	733.0	487.9	379.3	220.5	126.00	51.70	35.20	19.53	10.27

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

F.V. (V/cell) \ Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	49.91	36.65	29.31	17.19	9.87	4.13	2.85	1.59	0.83
1.75V	58.81	39.70	30.69	17.85	10.16	4.21	2.89	1.62	0.85
1.70V	62.39	41.14	31.62	18.24	10.34	4.25	2.92	1.62	0.85
1.65V	65.32	42.11	32.36	18.50	10.49	4.29	2.93	1.63	0.86
1.60V	67.25	42.95	32.98	18.69	10.59	4.31	2.93	1.63	0.86

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