



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	$\leq 16m\ \Omega$ (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) 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)		Terminal Hardware Initial Torque: B1 (2.5Nm±5%), I1 (4.0Nm±5%)

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	20 Hr
1.80V		554.0	416.3	337.1	202.8	117.50	49.50	34.20	9.98
1.75V		641.0	451.0	352.9	210.6	120.90	50.50	34.70	10.20
1.70V		680.0	467.3	363.6	215.2	123.10	51.00	35.00	10.25
1.65V		712.0	478.4	372.1	218.3	124.80	51.50	35.20	10.27
1.60V		733.0	487.9	379.3	220.5	126.00	51.70	35.20	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	20 Hr
1.80V		49.91	36.65	29.31	17.19	9.87	4.13	2.85	0.83
1.75V		58.81	39.70	30.69	17.85	10.16	4.21	2.89	0.85
1.70V		62.39	41.14	31.62	18.24	10.34	4.25	2.92	0.85
1.65V		65.32	42.11	32.36	18.50	10.49	4.29	2.93	0.86
1.60V		67.25	42.95	32.98	18.69	10.59	4.31	2.93	0.86

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