



# VRLA Rechargeable Battery

## EP17-12



Measures Technology Values Innovation

### 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


### APPLICATIONS

- 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( UL94 HB) EP17-12 Optional: Flame Retardant ABS(UL94 V-0) EP17-12FR

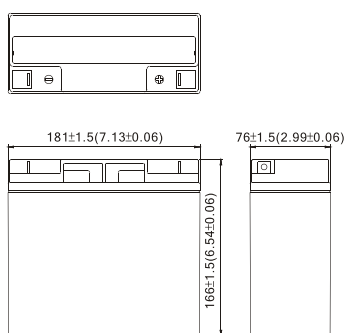
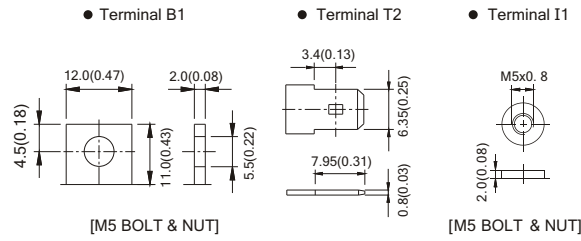


MH19884



C4M20310-2474-E-16

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<p>■ <b>Length</b></p> <p>181±1.5 (7.13±0.06)</p> <p>■ <b>Width</b></p> <p>76±1.5 (2.99±0.06)</p> <p>■ <b>Container Height</b></p> <p>166±1.5 (6.54±0.06)</p> <p>■ <b>Total Height</b></p> <p>166±1.5 (6.54±0.06)</p>		<p>● Terminal B1      ● Terminal T2      ● Terminal I1</p>  <p>[M5 BOLT &amp; NUT]      [M5 BOLT &amp; NUT]</p> <p>Terminal Hardware Initial Torque: B1(2.5Nm±5%),I1(4.0Nm±5%)</p>

Constant power discharge characteristics at 25 °C/77 °F										Unit: W
Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr	
F.V. (V/cell)	554.0	416.3	337.1	202.8	117.50	49.50	34.20	19.09	9.98	
1.80V	641.0	451.0	352.9	210.6	120.90	50.50	34.70	19.38	10.20	
1.75V	680.0	467.3	363.6	215.2	123.10	51.00	35.00	19.48	10.25	
1.70V	712.0	478.4	372.1	218.3	124.80	51.50	35.20	19.53	10.27	
1.65V	733.0	487.9	379.3	220.5	126.00	51.70	35.20	19.53	10.27	
1.60V										

Constant current discharge characteristics at 25 °C/77 °F										Unit: A
Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr	
F.V. (V/cell)	49.91	36.65	29.31	17.19	9.87	4.13	2.85	1.59	0.83	
1.80V	58.81	39.70	30.69	17.85	10.16	4.21	2.89	1.62	0.85	
1.75V	62.39	41.14	31.62	18.24	10.34	4.25	2.92	1.62	0.85	
1.70V	65.32	42.11	32.36	18.50	10.49	4.29	2.93	1.63	0.86	
1.65V	67.25	42.95	32.98	18.69	10.59	4.31	2.93	1.63	0.86	
1.60V										

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

For operation, please refer to the instruction from technical manual.

B/3 REV. May. 2021

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