



## VRLA Rechargeable Battery

# BP5.5-12RT



### 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
- Electronic Doorbells
- Toy-Cars
- Fans



### SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	5.5Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1850g(4.08lbs.)
Terminals	+250 Faston/-187 Faston
Internal Resistance	≤27mΩ (Fully Charged)
Max. Discharge Current	82.5 A (5 sec.)
Maximum Charge Current	1.65 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) BP5.5-12RT Optional: Flame Retardant ABS(UL94 V-0) BP5.5-12RTFR

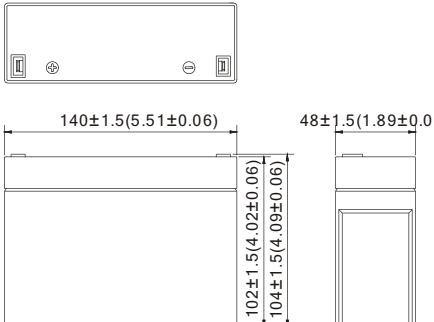
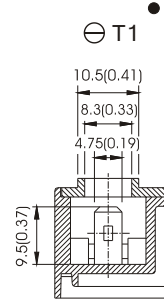
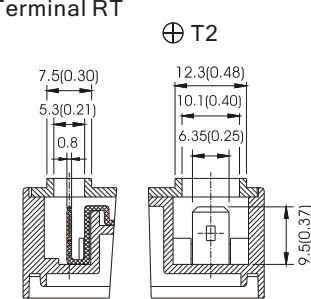


MH19884



C4M20310-2474-E-16

- IEC61056-1
- JIS C 8702-1
- GB/T 19639.1

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<p>■ <b>Length</b></p> <p>140±1.5 (5.51±0.06)</p> <p>■ <b>Width</b></p> <p>48±1.5 (1.89±0.06)</p> <p>■ <b>Container Height</b></p> <p>102±1.5 (4.02±0.06)</p> <p>■ <b>Total Height</b></p> <p>104±1.5 (4.09±0.06)</p>		<p>● Terminal RT</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>⊖ T1</p>  </div> <div style="text-align: center;"> <p>⊕ T2</p>  </div> </div>

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

Discharge Time F.V. (V/cell)	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	198.9	146.4	117.3	69.8	40.0	16.0	11.05	6.18	3.25
1.75V	230.2	158.6	122.7	72.4	41.2	16.4	11.22	6.27	3.30
1.70V	244.5	164.3	126.5	74.1	42.0	16.5	11.28	6.30	3.31
1.65V	255.5	168.2	129.4	75.1	42.5	16.6	11.32	6.32	3.32
1.60V	264.0	171.6	132.0	75.9	42.9	16.7	11.35	6.32	3.32

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

Discharge Time F.V. (V/cell)	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	17.9	12.9	10.2	5.92	3.36	1.34	0.921	0.515	0.271
1.75V	21.1	14.0	10.7	6.14	3.46	1.36	0.935	0.522	0.275
1.70V	22.4	14.5	11.0	6.28	3.53	1.37	0.940	0.525	0.276
1.65V	23.4	14.8	11.3	6.37	3.57	1.38	0.943	0.527	0.277
1.60V	24.2	15.1	11.5	6.43	3.61	1.39	0.946	0.527	0.277

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