



# VRLA Rechargeable Battery

## BP7.2-12



Measures Technology Values Innovation

### 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
- Laboratory Equipment
- Fishing Lights
- Toy-Cars
- Power Packs



### SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	7.20Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	2540g(5.60lbs.)
Terminals	T2 Threaded copper alloy (T1 is optional)
Internal Resistance	≤25mΩ (Fully Charged)
Max. Discharge Current	108 A (5 sec.)
Max. Charge Current	2.16 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) BP7.2-12 Optional: Flame Retardant ABS(UL94 V-0) BP7.2-12FR

**RU**<sup>®</sup>  
MH19884

**CE**

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

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> <li>■ Length 151±1.5 (5.94±0.06)</li> <li>■ Width 65±1.5 2.56±0.06</li> <li>■ Container Height 93±1.5 (3.66±0.06)</li> <li>■ Total Height 98±2.0 (3.86±0.08)</li> </ul>		<ul style="list-style-type: none"> <li>● Terminal T1 3.2(0.13) 4.75(0.19) 6.35(0.25) 0.8(0.03)</li> <li>● Terminal T2 3.4(0.13) 6.35(0.25) 7.95(0.31) 0.8(0.03)</li> </ul>

### 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	260.3	191.6	153.6	91.4	52.4	20.99	14.47	8.09	4.26
1.75V	301.3	207.6	160.6	94.8	54.0	21.41	14.69	8.21	4.32
1.70V	320.1	215.1	165.6	97.0	54.9	21.60	14.77	8.25	4.34
1.65V	334.5	220.2	169.4	98.4	55.6	21.75	14.82	8.27	4.36
1.60V	345.6	224.6	172.8	99.4	56.2	21.88	14.86	8.27	4.36

### 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	23.5	16.9	13.4	7.7	4.40	1.75	1.206	0.674	0.355
1.75V	27.6	18.3	14.0	8.0	4.54	1.78	1.224	0.684	0.360
1.70V	29.4	18.9	14.4	8.2	4.62	1.80	1.231	0.687	0.362
1.65V	30.7	19.4	14.7	8.3	4.67	1.81	1.235	0.689	0.363
1.60V	31.7	19.8	15.0	8.4	4.72	1.82	1.239	0.689	0.363

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