

VRLA Rechargeable Battery

BPS80-12



FEATURES

- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Can be used in any orientation(excluding used inverted)
- Flame-arrestor is installed to ensure safety
- Carry handles for easy installation
- Absorbent Glass Mat technology for efficient gas recombination

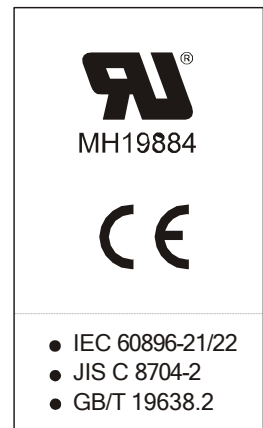
APPLICATIONS

- UPS
- Telecom
- Golf-Carts



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	80Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	26.0Kg(57.32lbs.)
Terminals	I2
Internal Resistance	≤5mΩ (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	24 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) BPS80-12 Optional: Flame Retardant ABS(UL94 V-0) BPS80-12FR



DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<ul style="list-style-type: none"> ■ Length 260±2.0(10.24±0.08) ■ Width 168±2.0(6.61±0.08) ■ Container Height 215±2.0(8.46±0.08) ■ Total Height 215±2.0(8.46±0.08) 		<ul style="list-style-type: none"> ● Terminal I2 <p>[M6 BOLT]</p> <p>Terminal Hardware Initial Torque:I2(5.5Nm±5%)</p>

Constant power discharge characteristics at 25 °C/77 °F Unit: W								
Discharge F.V. / Time	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
10.8V	1962	1443	1011	551.3	232.1	160.9	89.63	46.85
10.5V	2126	1532	1049	568.5	237.0	163.3	90.99	47.94
10.2V	2202	1603	1072	578.3	239.4	163.9	91.48	48.07
9.9V	2255	1658	1075	579.4	239.6	164.3	91.61	48.20
9.6V	2300	1692	1085	585.4	239.8	164.3	91.61	48.20

Constant current discharge characteristics at 25 °C/77 °F Unit: A								
Discharge F.V. / Time	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
10.8V	175	130	89.5	46.3	19.3	13.4	7.50	3.90
10.5V	190	139	92.8	47.8	19.7	13.6	7.60	4.00
10.2V	197	146	94.9	48.6	20.0	13.7	7.62	4.01
9.9V	205	151	95.1	48.7	20.0	13.7	7.63	4.02
9.6V	213	154	96.1	49.2	20.0	13.7	7.63	4.02

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