



VRLA Rechargeable Battery

BPS65-12



FEATURES

- Maintenance free(no water topping-up required).
- No free acid(Non-spillable battery).
- Low self-discharge rate, lower than 3% capacity loss per month.
- Can be used in any orientation(excluding used inverted)
- Carry handles for easy installation.
- Absorbent Glass Mat technology for efficient gas recombination.

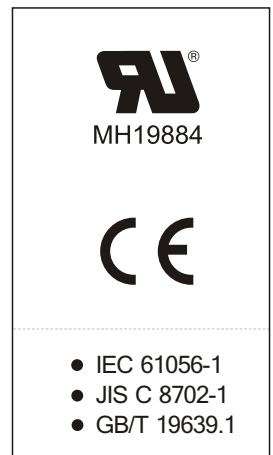
APPLICATIONS

- UPS
- Telecom
- Golf-Carts



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	65Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	22.4Kg(49.38lbs.)
Terminals	B5 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	≤5mΩ (Fully Charged)
Max. Discharge Current	650 A (5 sec.)
Max. Charge Current	19.5 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) BPS65-12 Optional: Flame Retardant ABS(UL94 V-0) BPS65-12FR

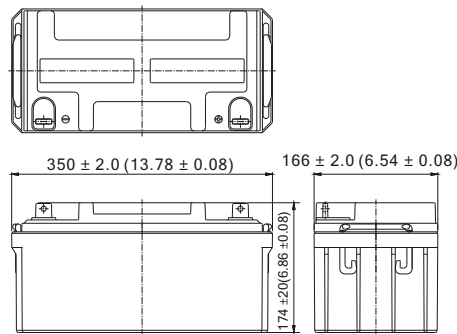


DIMENSION(mm/inch)

OUTER DIMENSIONS

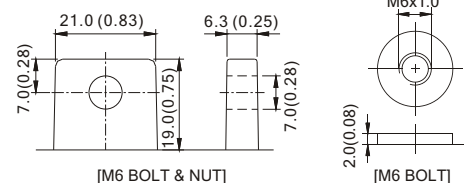
TERMINAL TYPE

- **Length**
350±2.0 (13.78±0.08)
- **Width**
166±2.0 (6.54±0.08)
- **Container Height**
174±2.0 (6.85±0.08)
- **Total Height**
174±2.0 (6.85±0.08)



● Terminal B5

● Terminal I2



Terminal Hardware Initial Torque: B5,I2(5.5Nm±5%)

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	2115	1661	1345	825	509.5	204.0	140.7	78.62	41.37
1.75V	2448	1799	1407	856	524.7	208.1	142.8	79.80	42.00
1.70V	2601	1864	1450	876	534.2	210.0	143.6	80.20	42.21
1.65V	2718	1909	1484	888	540.6	211.5	144.1	80.44	42.34
1.60V	2808	1947	1513	897	546.0	212.7	144.5	80.44	42.34

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	191	146.2	116.9	69.9	42.81	17.00	11.72	6.55	3.45
1.75V	225	158.4	122.3	72.6	44.10	17.34	11.90	6.65	3.50
1.70V	239	164.1	126.1	74.2	44.89	17.50	11.96	6.68	3.52
1.65V	249	168.0	129.0	75.3	45.43	17.62	12.01	6.70	3.53
1.60V	258	171.4	131.6	76.0	45.88	17.73	12.04	6.70	3.53

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