



## VRLA Rechargeable Battery

# BP65-12 (BP65-12FR)



### 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.

### APPLICATION

- 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	ABS(UL94-HB, UL94-V0 is optional)

ISO 9001	
ISO14001	
UL	
CE	
<ul style="list-style-type: none"> <li>● IEC61056</li> <li>● JIS C 8702</li> <li>● GB/T 19639</li> </ul>	

### DIMENSION(mm/inch)

### OUTER DIMENSIONS

### TERMINAL TYPE

#### Length

350±2.0 (13.78±0.08)

#### Width

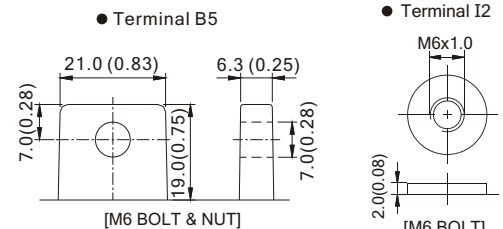
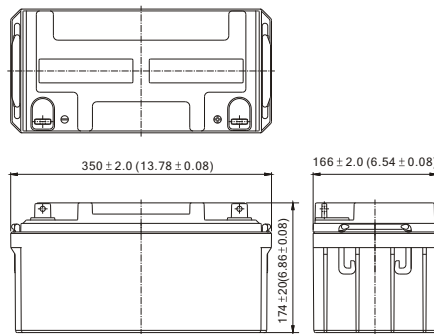
166±2.0 (6.54±0.08)

#### Container Height

174±2.0 (6.85±0.08)

#### Total Height

174±2.0 (6.85±0.08)



Terminal 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	190.5	146.2	116.9	69.9	42.81	17.00	11.72	6.55	3.45
1.75V	224.6	158.4	122.3	72.6	44.10	17.34	11.90	6.65	3.50
1.70V	238.6	164.1	126.1	74.2	44.89	17.50	11.96	6.68	3.52
1.65V	249.4	168.0	129.0	75.3	45.43	17.62	12.01	6.70	3.53
1.60V	257.6	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.