



VRLA Rechargeable Battery

EP65-12 (EP65-12FR)



FEATURES

- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Can be used in any orientation(excluding used inverted)
- The battery is designed for heavy duty cyclic application
- Low self-discharge rate, lower than 3% capacity loss per month

APPLICATION

- UPS
- Golf-Carts
- Lawn Mowers



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	65Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	22.8Kg(50.30lbs.)
Terminals	B5 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	≤6mΩ (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"> ● IEC61056 ● JIS C 8702 ● GB/T 19639 	

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

350±2.0 (13.78±0.08)

Width

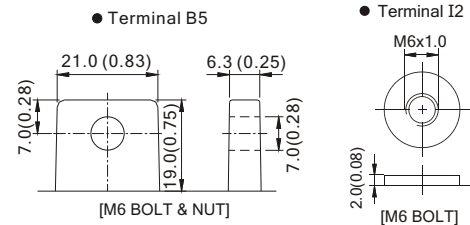
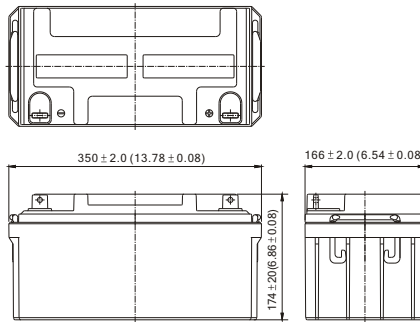
166±2.0 (6.54±0.08)

Container Height

174±2.0 (6.85±0.08)

Total Height

174±2.0 (6.85±0.08)



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

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	2070	1568	1298	808	455.0	192.0	132.4	73.90	39.00
1.75V	2271	1700	1362	842	469.0	195.6	134.9	74.70	39.60
1.70V	2453	1769	1408	862	478.0	198.3	136.0	75.20	39.90
1.65V	2600	1833	1442	878	484.0	199.2	136.5	75.50	40.20
1.60V	2663	1878	1465	886	488.0	200.2	136.5	76.00	40.50

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	187.4	141.7	113.8	68.4	40.70	16.39	11.25	6.26	3.30
1.75V	208.6	155.7	119.4	71.0	42.30	16.60	11.36	6.35	3.37
1.70V	227.8	162.2	123.2	72.7	43.10	16.72	11.53	6.40	3.38
1.65V	241.2	166.7	126.7	73.6	43.70	16.78	11.57	6.42	3.39
1.60V	252.3	169.2	129.1	74.5	44.20	16.98	11.63	6.42	3.41

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