



VRLA Rechargeable Battery

EVP70-12 (EVP70-12FR)



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)
- The battery is designed for high power & high cyclic usage

APPLICATION

- UPS
- Wheelchairs
- Lawn Mowers
- Equipment
- Golf-Carts
- Electronic Medical Equipment



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	70Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	25.0Kg(55.13lbs.)
Terminals	B5 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	≤4mΩ (Fully Charged)
Max. Discharge Current	650 A (5 sec.)
Max. Charge Current	21 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)

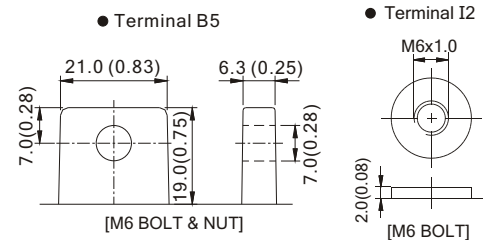
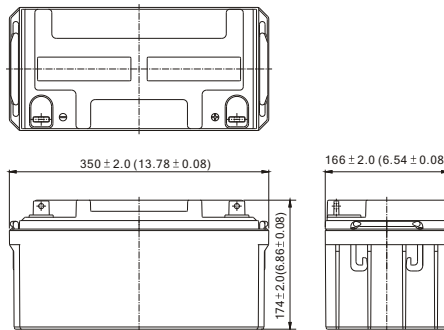
ISO 9001	
ISO14001	
UL	
CE	
<ul style="list-style-type: none"> ● IEC61056 ● JIS C 8702 ● GB/T 19639 	

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(5.5Nm±5%)

Constant power discharge characteristics at 25 °C/77 °F Unit: W

F.V. (V/cell) \ Discharge Time	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	2024	1467	944	538	223	141	78.4	41.1
1.75V	2193	1541	979	554	228	143	80.0	42.0
1.70V	2281	1585	1001	566	230	144	80.5	42.2
1.65V	2330	1622	1016	572	232	145	80.7	42.3
1.60V	2373	1651	1029	577	233	145	80.7	42.3

Constant current discharge characteristics at 25 °C/77 °F Unit: A

F.V. (V/cell) \ Discharge Time	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	183.98	132.12	83.48	45.20	18.56	11.73	6.54	3.43
1.75V	201.19	140.03	86.65	46.51	19.03	11.93	6.67	3.50
1.70V	209.24	144.12	88.58	47.56	19.17	12.03	6.71	3.52
1.65V	213.81	147.40	89.95	48.08	19.36	12.08	6.72	3.53
1.60V	217.69	150.04	91.06	48.48	19.42	12.12	6.72	3.53

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