VRLA Rechargeable Battery

HR75-12 (HR75-12FR)

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 rate usage
- The power density at 5 min~15min discharging rate is 30% higher than BP series

APPLICATION

- UPS
- Wheelchairs
- Golf-Carts

SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	73Ah @ 10 hour rate F.V.(1.75V/cell)
Approx. Weight	24.75Kg(54.57lbs.)
Terminals	B5 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	≦4mΩ (Fully Charged)
Max. Discharge Current	650 A (5 sec.)
Max. Charge Current	21.9 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 MH19884

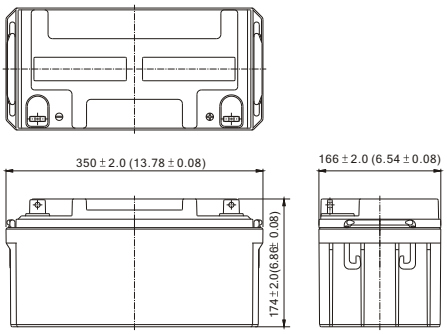
CE C4M20310-2474-E-16

- IEC61056
- JIS C 8702
- GB/T 19639

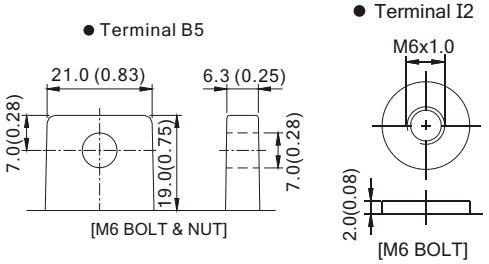
DIMENSION(mm/inch)

- **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)

OUTER DIMENSIONS



TERMINAL TYPE



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	20 Min	30 Min	40 Min	50 Min	60 Min	120 Min
1.80V	2099.9	1520.7	1297.8	986.3	750.0	625.6	551.3	303.8
1.70V	2344.4	1647.3	1373.0	1027.5	778.5	646.9	563.4	310.1
1.60V	2465.8	1728.8	1425.1	1049.6	796.5	660.0	573.7	315.0
1.50V	2512.6	1766.3	1447.5	1063.2	806.3	667.5	579.4	316.8
1.40V	2547.9	1786.0	1460.4	1070.9	811.5	672.2	585.0	317.7
1.30V	2565.0	1799.9	1470.0	1076.3	815.7	676.7	585.0	318.6

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

F.V. (V/cell) \ Discharge Time	10 Min	15 Min	20 Min	30 Min	40 Min	50 Min	60 Min	120 Min
1.80V	184.20	131.55	111.30	83.59	63.08	52.35	45.94	25.31
1.70V	205.65	142.50	117.75	87.08	65.48	54.14	46.95	25.84
1.60V	216.30	149.55	122.22	88.95	66.99	55.23	47.81	26.25
1.50V	220.40	152.79	124.14	90.10	67.81	55.86	48.29	26.40
1.40V	223.50	154.50	125.25	90.75	68.25	56.25	48.75	26.48
1.30V	225.00	155.70	126.07	91.21	68.60	56.63	48.75	26.55

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

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