

VRLA Rechargeable Battery

BP3-12 (BP3-12FR)

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).

APPLICATION

- UPS
- Electronic Toy-Cars
- Fans
- Emergency Lights
- Rechargeable Flashlights



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	3.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	1300g(2.87lbs.)
Terminals	T1 (Faston Tab 187) T2 is optional
Internal Resistance	≦50m Ω (Fully Charged)
Max. Discharge Current	45 A (5 sec.)
Max. Charge Current	0.9 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

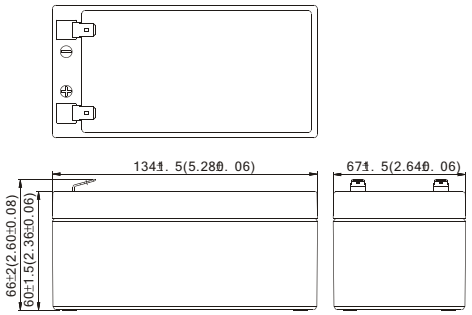
CE C4M20310-2474-E-16

- IEC61056
- JIS C 8702
- GB/T 19639

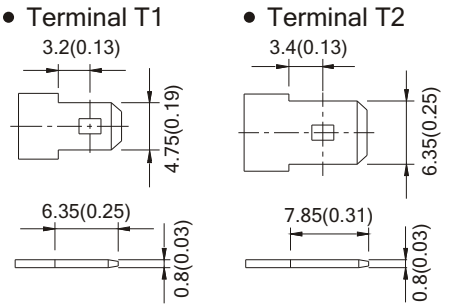
DIMENSION(mm/inch)

- **Length** 134±1.5 (5.28±0.06)
- **Width** 67±1.5 (2.64±0.06)
- **Container Height** 60±1.5 (2.36±0.06)
- **Total Height** 66±2.0 (2.60±0.08)

OUTER DIMENSIONS



TERMINAL TYPE



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	108.5	79.8	64.0	38.07	21.83	8.74	6.029	3.369	1.773
1.75V	125.5	86.5	66.9	39.52	22.49	8.92	6.120	3.420	1.800
1.70V	133.4	89.6	69.0	40.42	22.89	9.00	6.153	3.437	1.812
1.65V	139.4	91.8	70.6	40.99	23.17	9.06	6.175	3.447	1.812
1.60V	144.0	93.6	72.0	41.40	23.40	9.12	6.193	3.447	1.812

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	9.77	7.03	5.56	3.23	1.835	0.729	0.502	0.281	0.148
1.75V	11.52	7.61	5.82	3.35	1.890	0.743	0.510	0.285	0.150
1.70V	12.24	7.89	6.00	3.43	1.924	0.750	0.513	0.286	0.151
1.65V	12.79	8.08	6.14	3.47	1.947	0.755	0.515	0.287	0.151
1.60V	13.21	8.24	6.26	3.51	1.966	0.760	0.516	0.287	0.151

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