VRLA Rechargeable Battery

BP35-12 Finger Type



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).
- Absorbent Glass Mat technology for efficient gas recombination.

APPLICATION

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



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	35.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	11450g(25.25lbs.)
Terminals	B7 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	≦9mΩ (Fully Charged)
Max. Discharge Current	525 A (5 sec.)
Max. Charge Current	10.5 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	Standard: ABS(UL 94-HB) BP35-12 Optional: Flame Retardant ABS(UL 94-V0) BP35-12FR

ISO9001 MH19884

ISO14001 C4M20310-2474-E-16

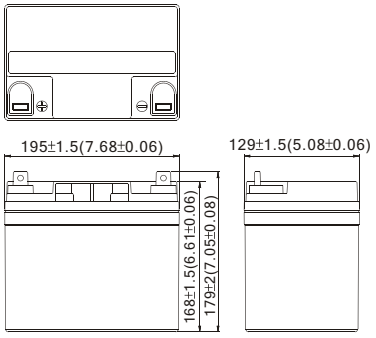
OHSMS

- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1

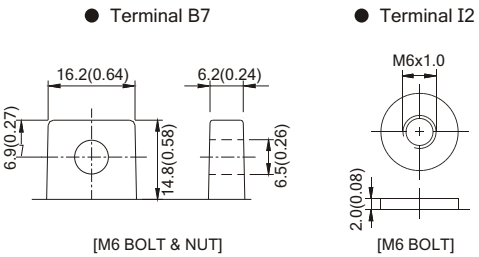
DIMENSION(mm/inch)

- **Length**
  195±1.5 (7.68±0.06)
- **Width**
  129±1.5 (5.08±0.06)
- **Container Height**
  168±1.5 (6.61±0.06)
- **Total Height**
  B7:179±2.0 (7.05±0.08)
  I2:168±2.0 (6.61±0.08)

OUTER DIMENSIONS



TERMINAL TYPE



Terminal Hardware Initial Torque: B7/I2(5.5Nm±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	1265	932	747	444	254.7	102.0	70.3	39.31	20.69
1.75V	1465	1009	781	461	262.4	104.1	71.4	39.90	21.00
1.70V	1556	1045	805	472	267.1	105.0	71.8	40.10	21.11
1.65V	1626	1071	824	478	270.3	105.7	72.0	40.22	21.17
1.60V	1680	1092	840	483	273.0	106.4	72.3	40.22	21.17

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	114.0	82.0	64.9	37.6	21.4	8.50	5.86	3.28	1.72
1.75V	134.4	88.8	67.9	39.1	22.0	8.67	5.95	3.32	1.75
1.70V	142.8	92.0	70.0	40.0	22.4	8.75	5.98	3.34	1.76
1.65V	149.2	94.2	71.6	40.5	22.7	8.81	6.00	3.35	1.76
1.60V	154.1	96.1	73.0	40.9	22.9	8.86	6.02	3.35	1.76

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

Powered by **B.B. Battery Co., Ltd.**