

FEATURES

- The sulfuric acid is mixed with silica fume, which makes the resulting mass gel-like and immobile.
- Increased durability and deep cycle ability for heavy demand.
- High temperature stability, mechanical strength and low acid displacement.
- Superior performance with deep discharges.
- Patented safety valve to have accurate pressure operating for long battery life.

APPLICATION

- UPS
- Security
- Telecommunication
- Electronic Medical Equipment
- Emergency Lighting



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	30.0Ah @ 20 hour rate F.V.(1.75V/cell) 28.5Ah @ 10 hour rate F.V.(1.80V/cell)
Approx. Weight	11500g(25.35lbs.)
Terminals	B7 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	≤9mΩ (Fully Charged)
Max. Discharge Current	450 A (5 sec.)
Max. Charge Current	6.0 A
Self Discharge	< 2% per month (25°C)
Operating Temperature Range	-20°C~55°C(-4°F~131°F)
Container Material	ABS(UL94-HB, UL94-V0 is optional)

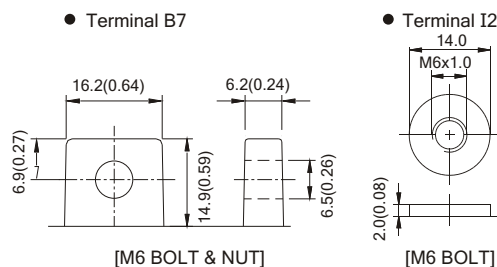
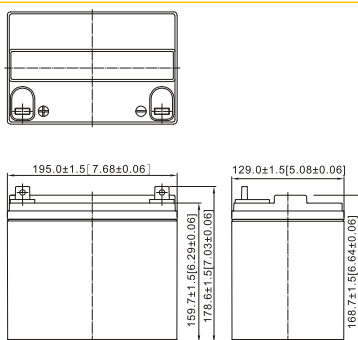
ISO 9001	
ISO14001	
UL	 MH19884
CE	 CAM20310-2474-E-16
● GB/T 19638.2-2005	
● IEC60896-21/22 2004	

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

- **Length**
195±1.5 (7.68±0.06)
- **Width**
129±1.5 (5.08±0.06)
- **Container Height**
168.7±1.5 (6.64±0.06)
- **Total Height**
178.6±1.5 (7.03±0.06)



Terminal Hardware Initial Torque: B7,I2(5.5Nm±5%)

Constant power discharge characteristics at 25 °C/77 °F

Unit: V

Discharge Time	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
F.V. (V/cell) 1.80V	337	199	87.0	61.3	34.2	17.73
1.75V	342	205	88.7	62.2	34.5	18.00
1.70V	345	210	89.8	62.7	34.6	18.14
1.65V	346	212	90.5	63.0	34.7	18.20
1.60V	346	214	91.0	63.2	34.7	18.20

Constant current discharge characteristics at 25 °C/77 °F

Unit: A

Discharge Time	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
F.V. (V/cell) 1.80V	28.1	17.0	7.29	5.12	2.85	1.478
1.75V	28.5	17.5	7.43	5.20	2.87	1.500
1.70V	28.7	17.9	7.52	5.24	2.88	1.512
1.65V	28.8	18.1	7.58	5.26	2.89	1.516
1.60V	28.8	18.3	7.62	5.28	2.89	1.516

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