

## 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	80 Ah @ 20 hour rate F.V.(1.75V/cell) 75 Ah @ 10 hour rate F.V.(1.80V/cell)
Approx. Weight	28500g(62.83lbs.)
Terminals	I2
Internal Resistance	≤6mΩ (Fully Charged )
Max. Discharge Current	700 A (5 sec.)
Max. Charge Current	16.0 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)

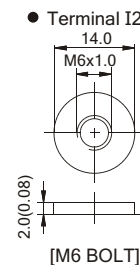
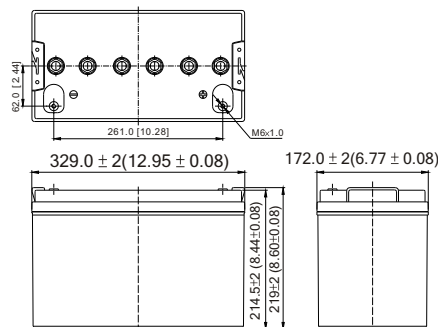
ISO 9001	
ISO14001	
UL	
CE	
● GB/T 19638.2-2005	
● IEC60896-2/1/22 2004	

## DIMENSION(mm/inch)

## OUTER DIMENSIONS

## TERMINAL TYPE

- **Length**  
329.0±2 (12.95±0.08)
- **Width**  
172.0±2(6.77±0.08)
- **Container Height**  
214.5±2 (8.44±0.08)
- **Total Height**  
219±2 (8.60±0.08)



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

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

Unit: W

Discharge Time F.V. (V/cell)	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	915	549	238	164.2	88.3	47.00
1.75V	978	562	242	166.9	89.2	47.71
1.70V	1009	575	246	168.6	90.2	48.23
1.65V	1020	581	248	169.0	90.7	48.29
1.60V	1027	582	248	169.3	90.9	48.38

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

Unit: A

Discharge Time F.V. (V/cell)	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V	76.50	46.00	19.98	13.87	7.43	3.94
1.75V	82.00	47.10	20.25	14.08	7.50	3.99
1.70V	84.30	48.10	20.43	14.20	7.54	4.05
1.65V	85.60	48.50	20.56	14.27	7.60	4.07
1.60V	86.10	48.70	20.68	14.30	7.63	4.08

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