

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.

APPLICATIONS

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



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	120 Ah @ 20 hour rate F.V.(1.75V/cell) 114 Ah @ 10 hour rate F.V.(1.80V/cell)
Approx. Weight	40Kg(88.18lbs.)
Terminals	I2
Internal Resistance	≤7mΩ (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	24.0 A
Self Discharge	< 2% per month (25°C)
Operating Temperature Range	-20°C~55°C(-4°F~131°F)
Container Material	Standard: ABS(UL94 HB) GB 12/120 Optional: Flame Retardant ABS(UL94 V-0) GB 12/120FR

UL
MH19884



- GB/T 19638.1
- IEC60896-2/122

DIMENSION(mm/inch)

OUTER DIMENSIONS

TERMINAL TYPE

Length

344±2.0 (13.54±0.08)

Width

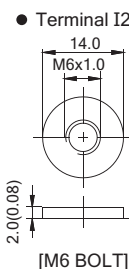
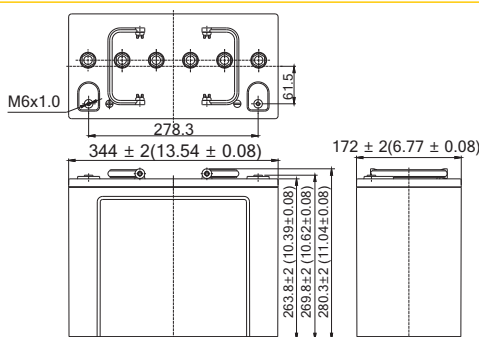
172±2.0 (6.77±0.08)

Container Height

263.8±2.0 (10.39±0.08)

Total Height

280.3±2.0 (11.04±0.08)



Terminal Hardware Initial Torque: 5.5Nm±5%

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

Unit: W

F.V. (V/cell)	Discharge Time	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V		1325	809	349.8	255.4	134.78	70.92
1.75V		1345	833	356.8	259.2	136.80	72.00
1.70V		1356	850	361.1	261.4	137.89	72.57
1.65V		1360	861	363.9	262.3	138.31	72.78
1.60V		1360	869	365.8	263.1	138.31	72.78

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

Unit: A

F.V. (V/cell)	Discharge Time	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V		112.3	68.0	29.15	21.28	11.40	5.910
1.75V		114.0	70.0	29.73	21.60	11.45	6.000
1.70V		114.9	71.5	30.09	21.78	11.49	6.047
1.65V		115.2	72.3	30.33	21.86	11.53	6.065
1.60V		115.2	73.0	30.48	21.93	11.53	6.065

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