

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	80 Ah @ 20 hour rate F.V.(1.75V/cell) 75 Ah @ 10 hour rate F.V.(1.80V/cell)
Approx. Weight	29500g(65.04lbs.)
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	Standard: ABS(UL94 HB) GB 12/80 Optional: Flame Retardant ABS(UL94 V-0) GB 12/80FR



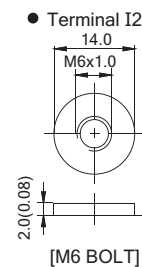
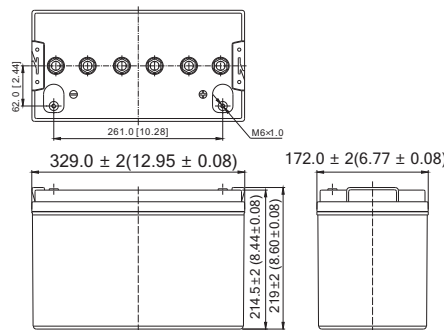
- GB/T 19638.2-2005
- IEC60896-21/22 2004

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
219.0±2 (8.60±0.08)



Terminal Hardware Initial Torque: I2(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		915	549	238	164.2	90.0	47.52
1.75V		978	562	242	166.9	90.5	48.00
1.70V		1009	575	246	168.6	91.2	48.60
1.65V		1020	581	248	169.0	91.6	48.84
1.60V		1027	582	248	169.3	91.7	48.96

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		76.50	46.00	19.98	13.87	7.50	3.96
1.75V		82.00	47.10	20.25	14.08	7.54	4.00
1.70V		84.30	48.10	20.43	14.20	7.60	4.05
1.65V		85.60	48.50	20.56	14.27	7.63	4.07
1.60V		86.10	48.70	20.68	14.30	7.64	4.08

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