ZELUS

GEL Technology Battery

GB Regular

GB 12/70

12V, 70Ah/C20 (65Ah/C10)

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	70 Ah @ 20 hour rate F.V.(1.75V/cell) 65 Ah @ 10 hour rate F.V.(1.80V/cell)
Approx. Weight	24000g(52.91lbs.)
Terminals	I2
Internal Resistance	≦6mΩ (Fully Charged)
Max. Discharge Current	400 A (5 sec.)
Max. Charge Current	14.0 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 12/70 Optional: Flame Retardant ABS(UL94 V-0) GB 12/70FR

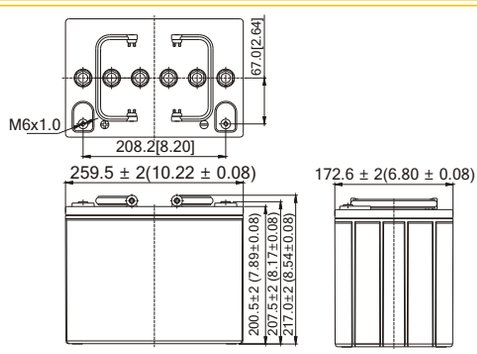
MH19884

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

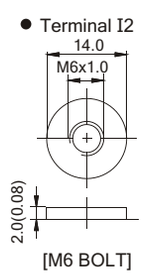
DIMENSION(mm/inch)

- **Length** 259.5±2 (10.22±0.08)
- **Width** 172.6±2(6.80±0.08)
- **Container Height** 200.5±2 (7.89±0.08)
- **Total Height** 217.0±2 (8.54±0.08)

OUTER DIMENSIONS



TERMINAL TYPE



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	786	465	203.0	148.5	78.0	41.37
1.75V	798	479	207.1	150.7	79.8	42.00
1.70V	804	489	209.6	152.0	80.4	42.33
1.65V	807	495	211.2	152.6	80.7	42.46
1.60V	807	500	212.3	153.0	80.7	42.46

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	65.5	39.6	17.00	12.41	6.50	3.448
1.75V	66.5	40.8	17.34	12.60	6.65	3.500
1.70V	67.0	41.7	17.55	12.71	6.70	3.528
1.65V	67.2	42.2	17.69	12.75	6.72	3.538
1.60V	67.2	42.6	17.78	12.79	6.72	3.538