



+max-

MBG12-75HC (12V75Ah)

Applications

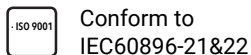
- Electric tools
- Vehicle in place of walking
- Lawn mowers
- Golf trolleys and golf cart
- Portable apparatus, lights and instruments
- Electric toys
- Illumination light
- Fire alarms
- Portable power
- Wheelchairs
- Medical equipments

General Features

- Special plate design, long cycle life
- ≥600 Cycles @ 80%DOD
- Operation temperature -20~55°C
- Good deep discharge resilience performance
- Gelled electrolyte for superior thermal management



Certificates



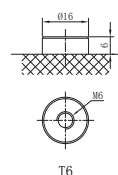
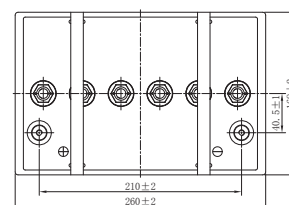
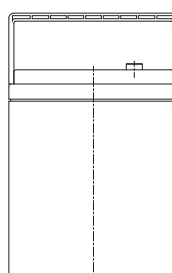
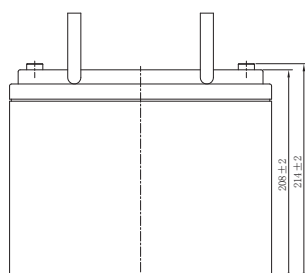
Specifications

Nominal Voltage	12V	Nominal Oper. Temp. R.	25±3°C
Capacity	20HR 75Ah 10HR 70Ah 5HR 60Ah	Capacity affected by Temp.	40°C 103% 25°C 100% 0°C 86%
Approx. Weight	22.9Kg	Self Discharge	MB batteries may be stored for up to 6 months at 25°C and then a freshening charge is required. For higher temperatures the time interval will be shorter.
Terminal	M6	Life expectancy	3-5 years according to EUROBAT
Container Material	ABS UL94 HB		
Short-circuit Current	1610A		
Internal Resistance	Approx. 9.4mΩ		
Operating Temp. Range	Discharge: -20~55°C Charge: 0~40°C Storage: -20~50°C		

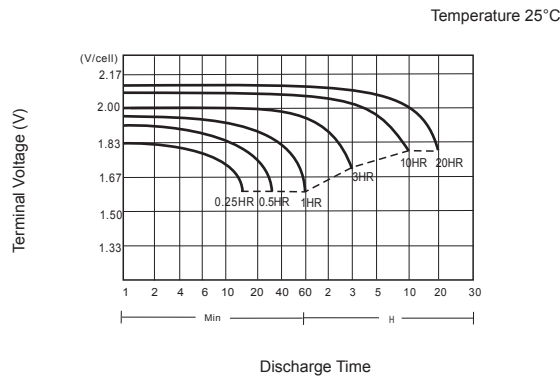
Dimensions

M6 Terminal

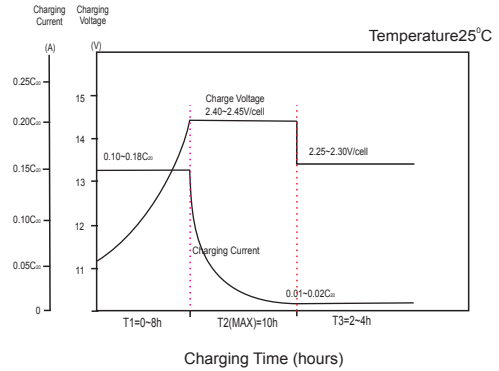
Unit: mm | Dimensions: 260 Length X 168 Width X 208 Height (214 Height incl. Terminal)



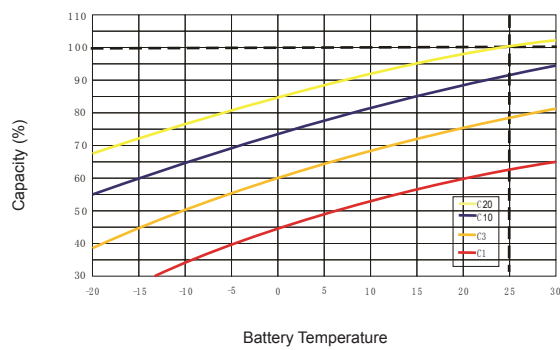
Discharge Characteristics



Float Charging Characteristics



Temperature Effects in Relation to Battery Capacity



Effect of Temperature on Long Term Float Life

