



MK12100THT

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (10A to 10.50V)	100Ah
8 hour rate (11.7A to 10.50V)	93.6Ah
5 hour rate (17A to 10.20V)	85Ah
1 hour rate (60A to 9.60V)	60Ah
1C (100A to 9.60V)	50Ah

Weight Approx. 34.0kg (74.8Lbs.)

Internal Resistance (at 1KHz) Approx. 4.3 mΩ

Maximum Discharge Current

5 seconds: 1000A

Charging Parameters at 25°C (77°F)

Maximum Charging Current	30A
Boost Charging Voltage	14.10 to 14.40V
Boost Charge Time	8-9Hr
Float Charging Voltage	13.50 to 13.65V

Operating Temperature Range

Charge	-15°C (5°F) to 40°C (104°F)
Discharge	-15°C (5°F) to 50°C (122°F)
Storage	-15°C (5°F) to 40°C (104°F)

Charge Retention at 20°C (68°F)

1 month	98%
3 months	96%
6 months	94%

Case Material ABS UL94 HB

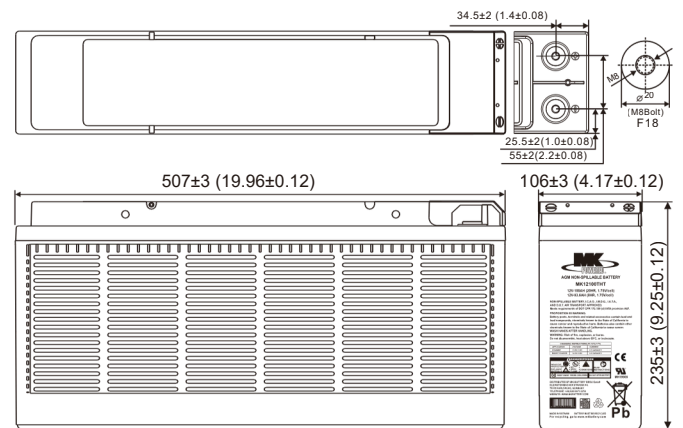
Design Life EUROBAT (20°C) >12 YEARS VERY LONG LIFE

Sealed Valve-Regulated Lead-Acid Battery



DIMENSIONS

mm(inch)

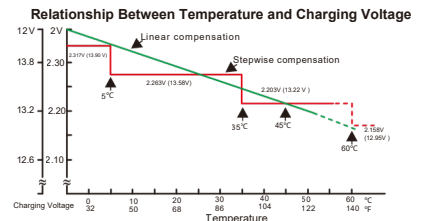
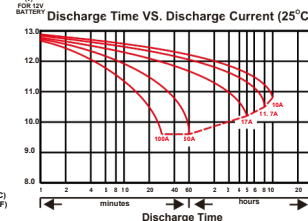
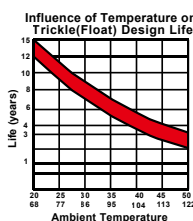
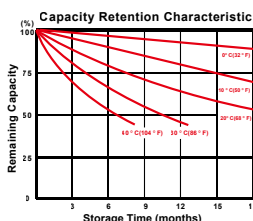
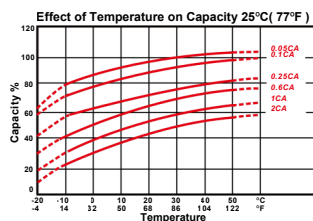


Terminal

F18

Recommended torque value M8: 12 N-m (122 kgf-cm)

Maximum allowable torque value M8: 20 N-m (204 kgf-cm)



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