



MK12100T

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (5A to 10.50V)	100Ah
10 hour rate (9.5A to 10.50V)	95Ah
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. 31.3kg (68.9Lbs.)

Internal Resistance (at 1KHz) Approx. 4.3 mΩ

Maximum Discharge Current

5 seconds: 600A

Charging Parameters at 25°C (77°F)

Maximum Charging Current	30A
Boost Charging Voltage	14.4 to 15.0V
Boost Charge Time	8-9Hr
Float Charging Voltage	13.5 to 13.8V

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

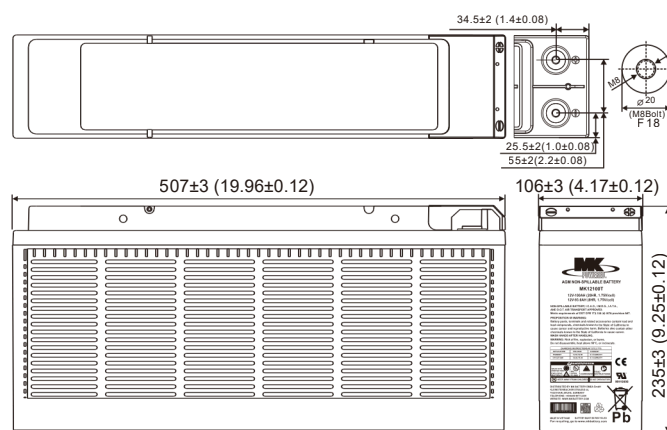
Design Life EUROBAT (20°C) >12 YEARS VERY LONG LIFE

Sealed Valve-Regulated Lead-Acid Battery



DIMENSIONS

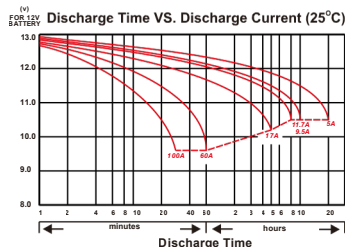
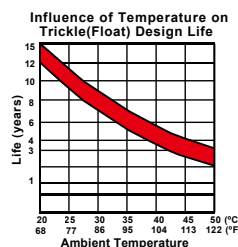
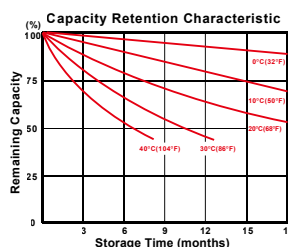
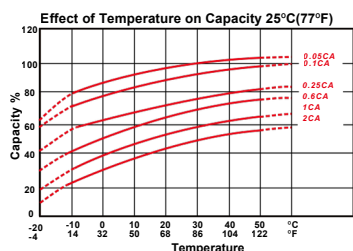
mm(inch)



Terminal F18

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

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



MK Battery EMEA GmbH

Kleinsteinbacher Strasse 44
76228, Karlsruhe-Stupferich Germany

Tel: +49 (0) 69 9073 2250 • Email: salescentraleurope@mkbattery.com

