



M20-12 SLD M

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (1A to 10.50V)	20Ah
10 hour rate (2A to 10.50V)	19Ah
5 hour rate (3.4A to 10.20V)	17Ah
1C (20A to 9.60V)	9Ah
3C (60A to 9.60V)	7.0Ah

Weight Approx. 13.31Lbs. (6.05kg)

Internal Resistance (at 1KHz) 10 mΩ

Maximum Discharge Current for 30 seconds : 400A

Maximum Discharge Current for 5 seconds : 800A

Operating Temperature Range

Charge	0°C (32°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 (shelf life) at 20°C (68°F)

1 month	92%
3 months	90%
6 months	80%

Charging Methods at 20°C (68°F)

Cycle Use : Charging Voltage 14.4 to 15.0V
Maximum Charging Current : 6A

Standby Use : Float Charging Voltage 13.50 to 13.80V

Life expectancy :

Cycle Use : 100% depth of discharge 200 cycles
80% depth of discharge 225 cycles
50% depth of discharge 500 cycles

Standby Use : 3-5 years

Case Material :

ABS
(Option : 94-HB & 94V-0 Flame Retardant Case Material)

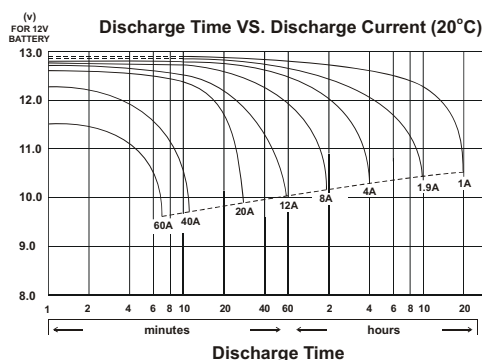
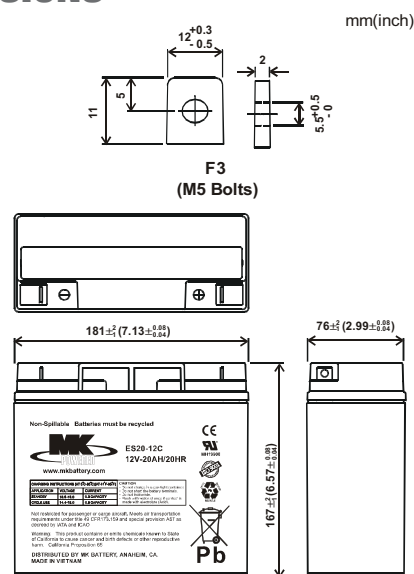
Terminal :

F3

Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



MK Battery

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