



ES22-12

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (1.1A to 10.50V)	22Ah
10 hour rate (2.2A to 10.50V)	20.9Ah
5 hour rate (3.74A to 10.20V)	18.7Ah
1C (22A to 9.60V)	13.93Ah
3C (66A to 9.60V)	8.8Ah

Weight Approx. 14.74Lbs. (6.7kg)

Internal Resistance (at 1KHz) 7.2 mΩ

Maximum Discharge Current for 5 seconds : 327A

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 (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 : 6.6A

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

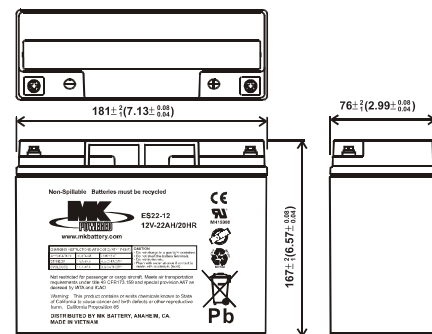
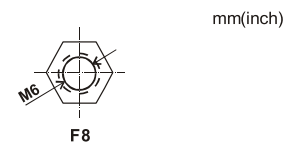
Case Material : ABS
(Option : 94-HB & 94V-0 Flame Retardant Case Material)

Terminal : F8

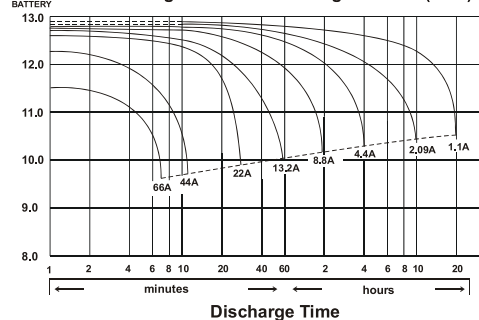
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



MK Battery

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