



ES17-12S

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.9A to 10.50V)	18Ah
10 hour rate (1.71A to 10.50V)	17.1Ah
5 hour rate (3.06A to 10.20V)	15.3Ah
1C (18A to 9.60V)	9.6Ah
3C (54A to 9.60V)	6.3Ah

Weight Approx. 13.2Lbs. (6.0kg)

Internal Resistance (at 1KHz) 12 mΩ

Maximum Discharge Current for 5 seconds : 215A

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 25°C (77°F)

Cycle Use : Charging Voltage 14.4 to 15.0V
Maximum Charging Current : 5.4A

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

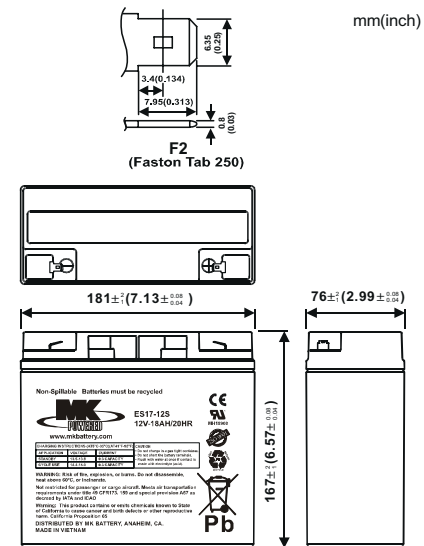
Case Material : ABS
(Option : UL94-HB & UL94V-0 Flame Retardant Case Material)

Terminal : F2

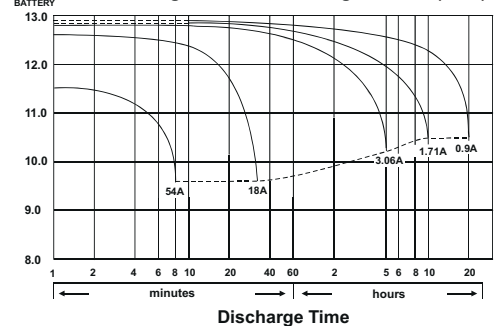
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



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



MK Battery

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