



ES4-6

SPECIFICATIONS

Nominal Voltage (V) 6V

Nominal Capacity

20 hour rate (0.225A to 5.25V)	4.5Ah
10 hour rate (0.428A to 5.25V)	4.275Ah
5 hour rate (0.765A to 5.1V)	3.825Ah
1C (4.5A to 4.80V)	2.55Ah
3C (13.5A to 4.80V)	1.8Ah

Weight Approx. 1.8Lbs. (0.82kg)

Internal Resistance (at 1KHz) Approx. 19 mΩ

Maximum Discharge Current for 5 seconds : 67.5A

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 7.20 to 7.50V
Coefficient -5.0mv / °C / cell
Maximum Charging Current : 1.35A

Standby Use : Float Charging Voltage 6.75 to 6.90V
Coefficient -3.0mv / °C / cell

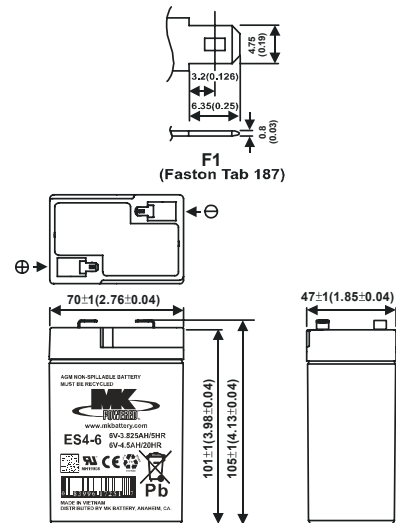
Case Material : ABS
(Option : UL94 HB Flame Retardant Case Material)

Terminal : F1

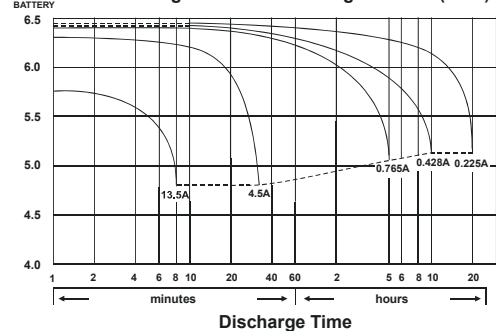
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



(V) FOR 6V BATTERY Discharge Time VS. Discharge Current (25°C)



MK Battery

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