



ES3.8-6

SPECIFICATIONS

Nominal Voltage (V) 6V

Nominal Capacity

20 hour rate (0.19A to 5.25V)	3.8Ah
10 hour rate (0.361A to 5.25V)	3.61Ah
5 hour rate (0.646A to 5.1V)	3.23Ah
1C (3.8A to 4.80V)	2.153Ah
3C (11.4A to 4.80V)	1.52Ah

Weight Approx. 1.56Lbs. (0.71kg)

Internal Resistance (at 1KHz) Approx. 18 mΩ

Maximum Discharge Current for 5 seconds : 57A

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 : 1.14A

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

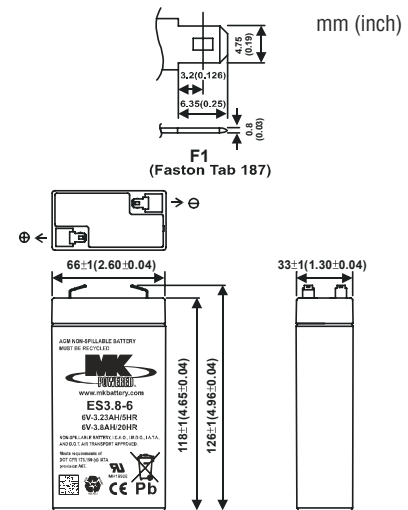
Case Material : ABS
(Option : UL94 HB Flame Retardant Case Material)

Terminal : F1

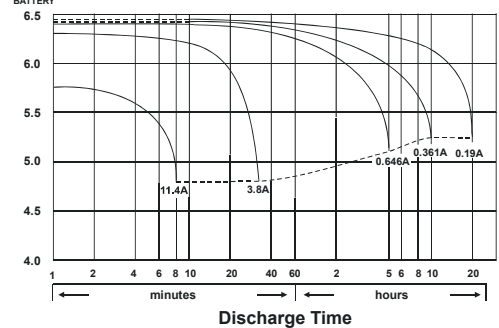
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



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



MK Battery

1631 South Sinclair Street • Anaheim, California 92806

Toll Free: 800-372-9253 • Fax: 714-937-0818 • E-mail: sales@mkbattery.com

