



ES42-6

SPECIFICATIONS

Nominal Voltage (V) 6V

Nominal Capacity

20 hour rate (2.1A to 5.25V)	42Ah
10 hour rate (3.99A to 5.25V)	39.9Ah
5 hour rate (7.14A to 5.1V)	35.7Ah
1C (42A to 4.80V)	23.8Ah
3C (126A to 4.80V)	16.8Ah

Weight Approx. 14.3Lbs. (6.5kg)

Internal Resistance (at 1KHz) Approx. 5 mΩ

Maximum Discharge Current for 5 seconds : 504A

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
 Maximum Charging Current : 12.6A
 Coefficient -5.0mv / °C / cell

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

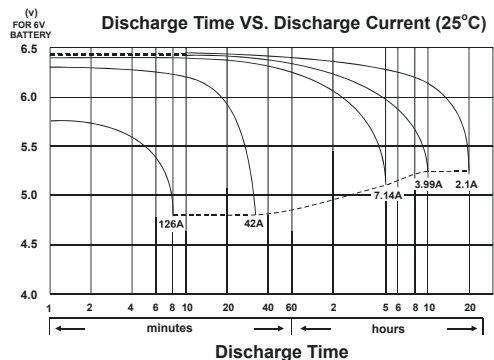
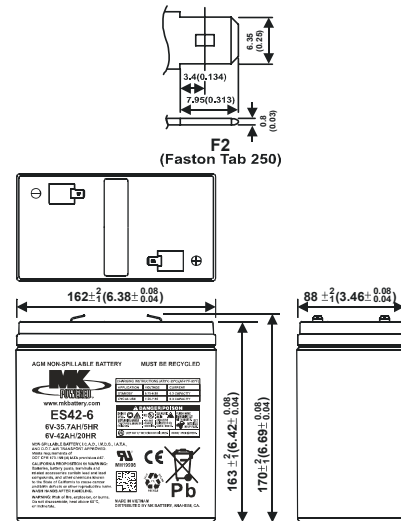
Case Material : ABS
 (Option : UL94 HB Flame Retardant Case Material)

Terminal : F2

Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



MK Battery

1631 South Sinclair Street • Anaheim, California 92806

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

