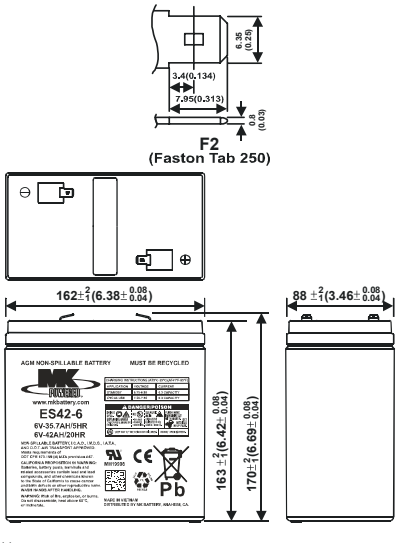
ES42-6

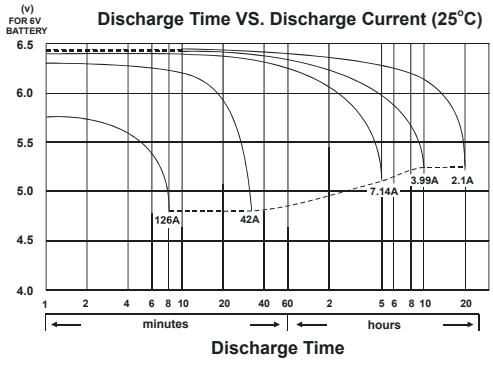
Maintenance-Free Rechargeable Sealed Lead-Acid Battery

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

DIMENSIONS





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