



# ES42-6

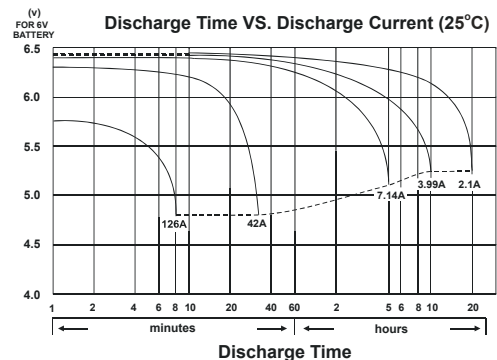
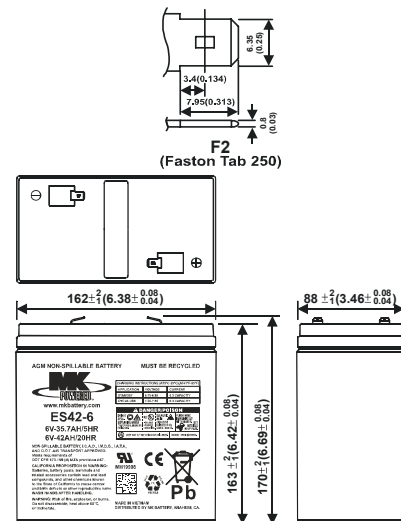
## SPECIFICATIONS

<b>Nominal Voltage (V)</b>	6V
<b>Nominal Capacity</b>	
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
<b>Weight</b>	Approx. 14.3Lbs. (6.5kg)
<b>Internal Resistance (at 1KHz)</b>	Approx. 5 mΩ
<b>Maximum Discharge Current for 5 seconds :</b>	504A
<b>Operating Temperature Range</b>	
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 )
<b>Charge Retention (shelf life) at 20°C ( 68°F )</b>	
1 month	92%
3 months	90%
6 months	80%
<b>Charging Methods at 25°C ( 77°F )</b>	
<b>Cycle Use :</b>	Charging Voltage 7.20 to 7.50V
	Maximum Charging Current : 12.6A
	Coefficient -5.0mv / °C / cell
<b>Standby Use :</b>	Float Charging Voltage 6.75 to 6.90V
	Coefficient -3.0mv / °C / cell
<b>Case Material :</b>	ABS
	(Option : UL94 HB Flame Retardant Case Material)
<b>Terminal :</b>	F2

## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



## MK Battery

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