



# ES9-12FR

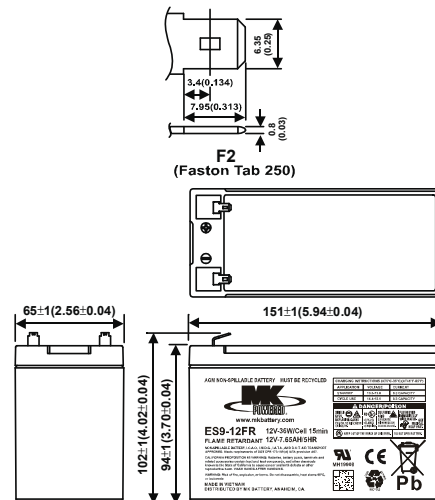
## SPECIFICATIONS

<b>Nominal Voltage (V)</b>	12V
<b>Nominal Capacity</b>	
15 min rate ( 216W to 9.60V )	54Wh
20 hour rate ( 0.45A to 10.50V )	9Ah
5 hour rate ( 1.53A to 10.20V )	7.65Ah
1C ( 9A to 9.60V )	5.70Ah
3C ( 27A to 9.60V )	3.60Ah
<b>Weight</b>	Approx. 5.94Lbs. (2.7kg)
<b>Internal Resistance (at 1KHz)</b>	14 mΩ
<b>Maximum Discharge Current for 5 seconds :</b>	135A
<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 14.4 to 15.0V Coefficient -5.0mv / °C / cell Maximum Charging Current : 2.7A
<b>Standby Use :</b>	Float Charging Voltage 13.50 to 13.80V Coefficient -3.0mv / °C / cell
<b>Case Material :</b>	ABS (UL94-V0 Flame Retardant)
<b>Terminal :</b>	F2

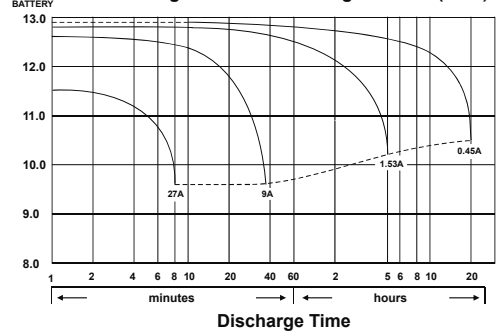
## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



## MK Battery

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