



ES20-12FR HR

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (1A to 10.50V)	20Ah
10 hour rate (1.9A to 10.50V)	19Ah
5 hour rate (3.4A to 10.20V)	17Ah
1C (20A to 9.60V)	11.33Ah
3C (60A to 9.60V)	8Ah

Weight Approx. 13.09Lbs. (5.95kg)

Internal Resistance (at 1KHz) Approx. 10 mΩ

Maximum Discharge Current for 5 seconds : 300A

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 14.4 to 15.0V
Coefficient -5.0mv / °C / cell
Maximum Charging Current : 6A

Standby Use : Float Charging Voltage 13.50 to 13.80V
Coefficient -3.0mv / °C / cell

Case Material : ABS UL94 V-0

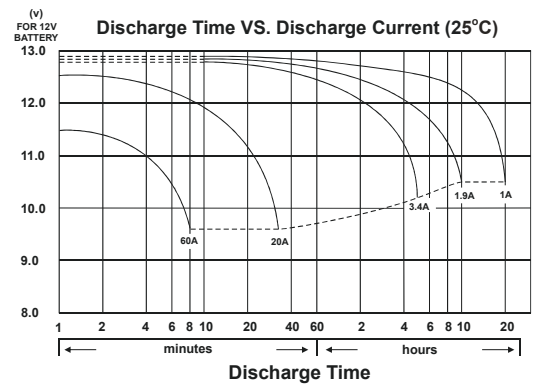
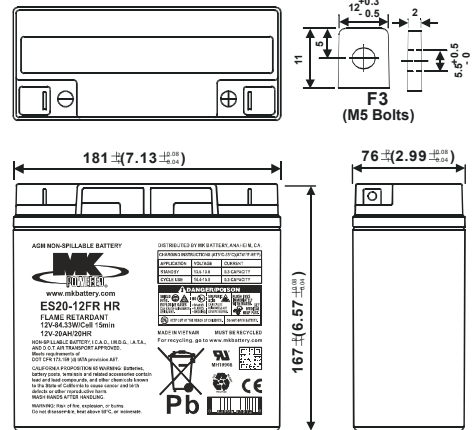
Terminal : F3

Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS

mm (inch)



MK Battery

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