



# ES20-12C FT

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

**Terminal :** F6

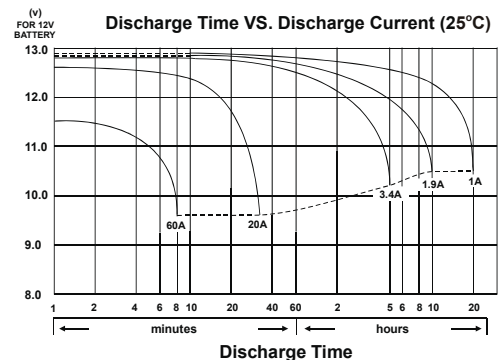
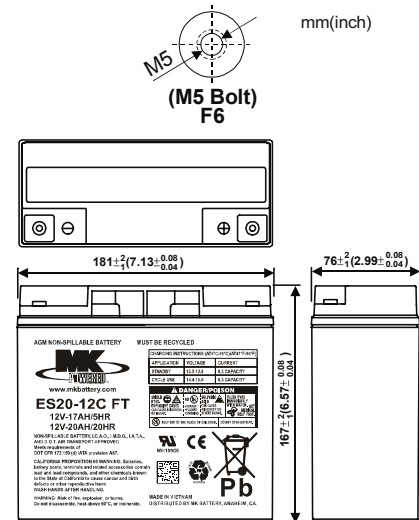
### Terminal Hardware Torque Value :

Recommended	M5: 2.94 Nm (30kg-cm)
Maximum Allowable	M5: 4.90 Nm (50kg-cm)

## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



## MK Battery

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