



# M55-12 SLD M

## SPECIFICATIONS

**Nominal Voltage (V)** 12V

### Nominal Capacity

20 hour rate ( 2.75A to 10.50V )	55Ah
10 hour rate ( 5.225A to 10.50V )	52.25Ah
5 hour rate ( 9.35A to 10.20V )	46.75Ah
1C ( 55A to 9.60V )	31.17Ah
3C ( 165A to 9.60V )	22Ah

**Weight** Approx. 37.4Lbs. (17.0kg)

**Internal Resistance (at 1KHz)** Approx. 8 mΩ

**Maximum Discharge Current for 5 seconds :** 660A

### 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	98%
3 months	94%
6 months	85%

### Charging Methods at 25°C ( 77°F )

**Cycle Use :** Charging Voltage 14.4 to 15.0V  
Coefficient -5.0mv / °C / cell  
Maximum Charging Current : 16.5A

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

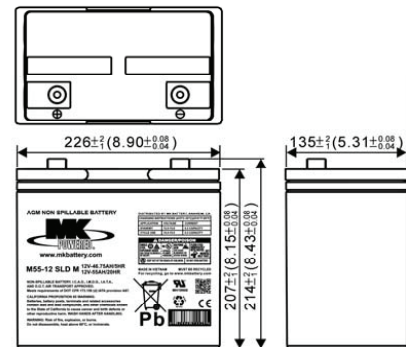
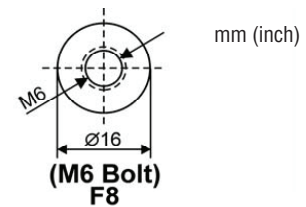
**Case Material :** ABS  
(Option : UL94 HB Flame Retardant Case Material)

**Terminal :** F8

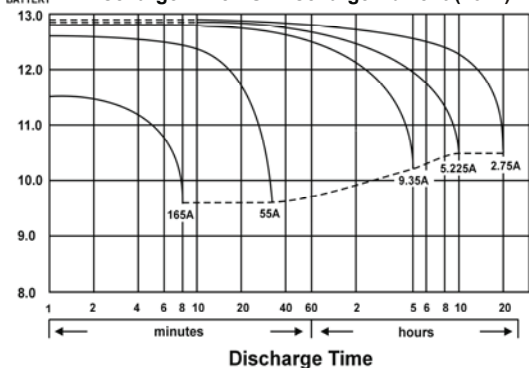
## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



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



## MK Battery

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