



# 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

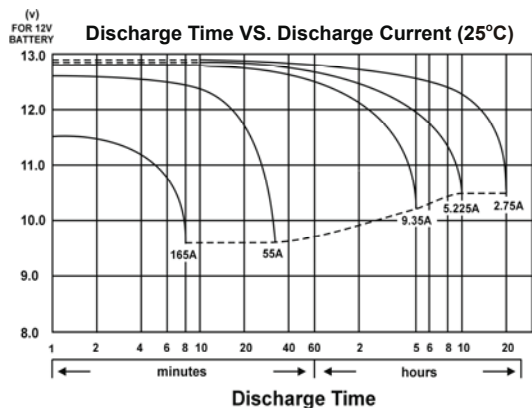
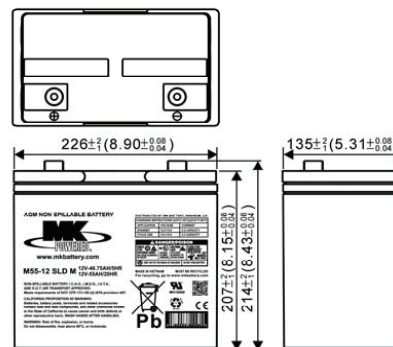
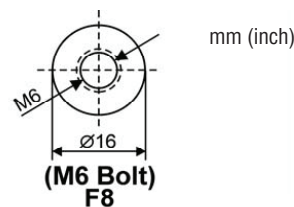
**Case Material :** ABS  
(Option : UL94 HB Flame Retardant Case Material)

**Terminal :** F8

## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



## MK Battery

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