



# M50-12 SLD M

## SPECIFICATIONS

**Nominal Voltage (V)** 12V

### Nominal Capacity

20 hour rate ( 2.5A to 10.50V )	50Ah
10 hour rate ( 5A to 10.50V )	47.5Ah
5 hour rate ( 8.5A to 10.20V )	42.5Ah
1C ( 50A to 9.60V )	35Ah
3C ( 150A to 9.60V )	25Ah

**Weight** Approx. 31.33Lbs. (14.24kg)

**Internal Resistance (at 1KHz)** 5 mΩ

**Maximum Discharge Current for 30 seconds :** 500A

**Maximum Discharge Current for 5 seconds :** 1000A

### Operating Temperature Range

Charge	0°C (32°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 20°C ( 68°F )

**Cycle Use :** Charging Voltage 14.4 to 15.0V  
Maximum Charging Current : 15A

**Standby Use :** Float Charging Voltage 13.50 to 13.80V

### Life expectancy :

**Cycle Use :** 100% depth of discharge 225 cycles  
80% depth of discharge 250 cycles  
50% depth of discharge 750 cycles

**Standby Use :** 3-5 years

### Case Material :

ABS  
(Option : 94-HB & 94V-0 Flame Retardant Case Material)

### Terminal :

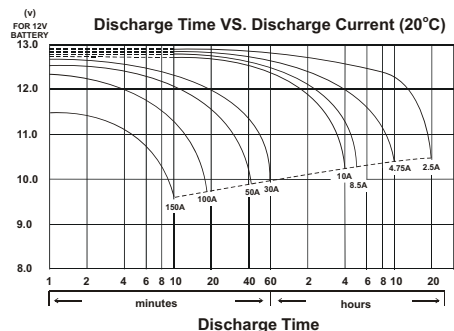
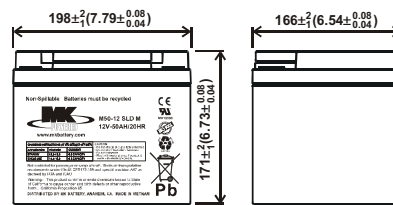
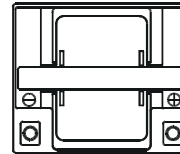
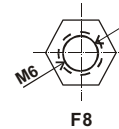
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## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS

mm(inch)



## MK Battery

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