



ES14-12

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

| | |
|---------------------------------|--------|
| 20 hour rate (0.7A to 10.50V) | 14.0Ah |
| 10 hour rate (1.4A to 10.50V) | 13.3Ah |
| 5 hour rate (2.38A to 10.20V) | 11.9Ah |
| 1C (14A to 9.60V) | 8.87Ah |
| 3C (42A to 9.60V) | 5.6Ah |

Weight Approx. 9.42Lbs. (4.28kg)

Internal Resistance (at 1KHz) 9 mΩ

Maximum Discharge Current for 5 seconds : 135A

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 20°C (68°F)

Cycle Use : Charging Voltage 14.4 to 15.0V
Maximum Charging Current : 4.2A

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

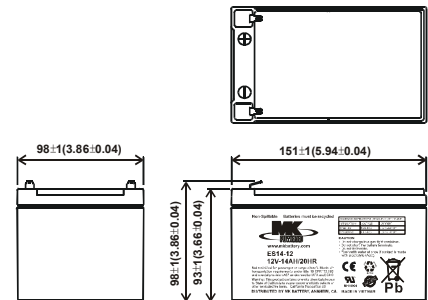
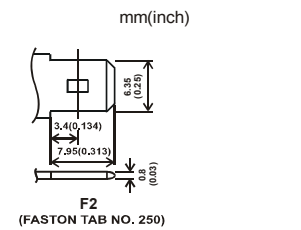
Case Material : ABS
(Option : 94-HB & 94V-0 Flame Retardant Case Material)

Terminal : F2

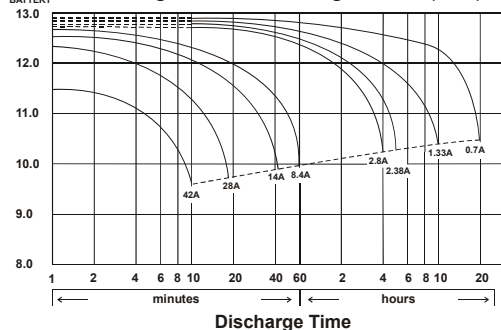
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



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



MK Battery

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