

# ES1.2-6

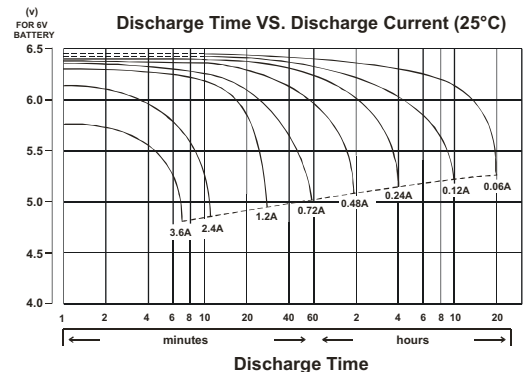
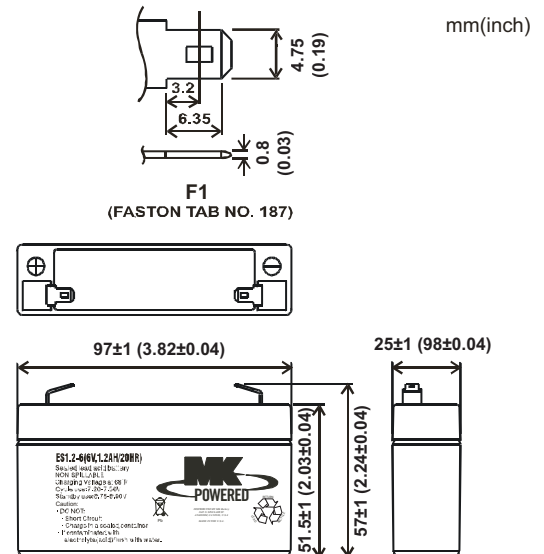
## SPECIFICATIONS

|   |  |
|---|--|
| <b>Nominal Voltage (V)</b>                          | 6V   |
| <b>Nominal Capacity</b>                             |  |
| 20hour rate ( 0.06A to 5.25V )                      | 1.2Ah  |
| 10hour rate ( 0.12A to 5.25V )                      | 1.2Ah  |
| 5hour rate ( 0.2A to 5.25V )                        | 1.0Ah  |
| 1C ( 1.2A to 4.80V )                                | 0.54Ah   |
| 3C ( 3.6A to 4.80V )                                | 0.43Ah   |
| <b>Weight</b>                                       | 1.31 Lbs. (0.596 kg)   |
| <b>Internal Resistance (at 1KHz)</b>                | 41 mΩ  |
| <b>Maximum Discharge Current for 30 seconds :</b>   | 12A  |
| <b>Maximum Discharge Current for 5 seconds :</b>    | 48A  |
| <b>Operating Temperature Range</b>                  |  |
| 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)   |
| <b>Charge Retention (shelf life) at 20°C (68°F)</b> |  |
| 1 month   | 92%  |
| 3 month   | 90%  |
| 6 month   | 80%  |
| <b>Charging Methods at 25°C (77°F)</b>              |  |
| Cycle use :   | Charging Voltage 7.20 to 7.50V<br>Maximum Charging Current 0.36A   |
| Standby use :                                       | Float Charging Voltage 6.75 to 6.90V<br>No current limit required  |
| <b>Life expectancy :</b>                            |  |
| Cycle Use :   | 100% depth of discharge 250 cycles<br>80% depth of discharge 350 cycles<br>50% depth of discharge 550 cycles |
| Standby Use :                                       | 3~5 years  |
| Case Material                                       | ABS<br>(94-HB & 94V-0 flame retardant case)  |
| <b>Terminal</b>                                     | F1   |

## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



## DIMENSIONS



## MK Battery

1645 South Sinclair Street • Anaheim, California 92806  
Toll Free: 800-372-9253 • Fax: 714-937-0818 • E-Mail: sales@mkbattery.com

