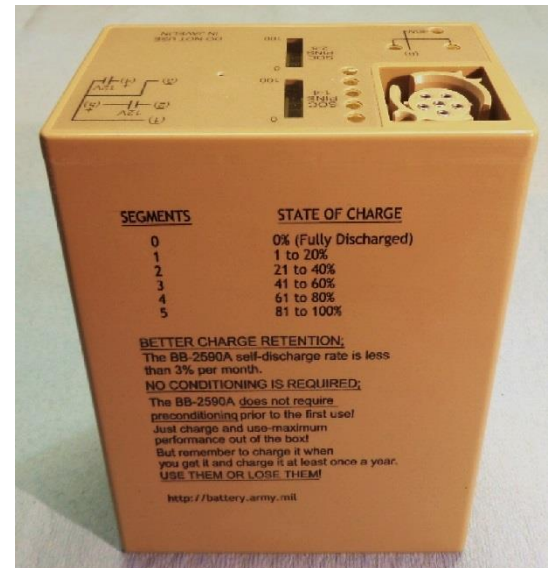


MAI-150773 BB-2590A/U 267 Wh Li-Ion Rechargeable Battery Specification



- **BB-2590A/U, M32383/3-3, 8.2Ah / 267Wh**
- Part Number: MAI-150773
- NSN: 6140-01-633-9444
- Voltage Range: 30V Mode: 20.0V to 33.6V
15V Mode: 10.0V to 16.8V
- Capacity: 30V Mode: 8.2Ah at 2.0A at 23°C
5V Mode: 16.4Ah at 2.0A at 23°C
- Max. Continuous Discharge: 30V Mode: 10.0A Continuous
15V Mode: 20.0A Continuous
- Max. Pulse Discharge: 30V Mode: 18.0A for 5 Seconds
15V Mode: 36.0A for 5 Seconds
- Energy: 267Wh
- Energy Density: 184Wh/kg (83Wh/lb)
- Weight: 1.45kg (3.2lbs)
- Dimensions: 2.45" x 4.40" x 5.0"
32.2mm x 111.8mm x 127mm
- Cycle Life: >500 cycles at C/5 to 80% of initial capacity
- Memory: No Memory Effect
- Operating Temperature: -30°C to +55°C
- Storage Temperature: -20°C to +50°C
- Self-Discharge: <5% per month
- Exterior/Housing: ABS Plastic, Tan
- State of Charge Indicator: LCD Displays, one for each section
- Safety: Safety Datasheet – MAI-150773
- Transportation: Class 9 UN3480
- Over Voltage Protection
- Under Voltage Protection
- Over Current Protection
- Resettable Thermal Fuse: Activates at 70°C, Resets at 55°C
- One-Time Thermal Fuse: Activates at 91°C
- Charge Using MAI-150760 AC/DC Charger (Recommended)
- Alternate Charging: Recommended charge rate is 3.0A to max voltage of 16.8V at a temperature range of 5°C to 38°C. Hold at 16.8V until current declines to 100mA. A charge enable signal is required; apply 5VDC through a 470 Ohm 1/4W resistor between the "charge enable" contact (+) and pin 6 of the main connector (-).



AS9100 REV D
ISO 9001:2015
CERTIFIED

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All specifications subject to change without notice. MAIR-DWG-810088 Rev -