

## Rugged Li-Ion Smart Battery Pack with SMBus

**MB-2590**

### Features

- High Energy Density Lithium Ion cells
- Rugged, high impact case design
- Flexible output voltage: 15V or 30V modes
- SMBus V1.1 Smart Battery compliant
- State-Of-Charge indicator of remaining capacity
- Full array of safety protections
- NSN item, used in military communication devices



### Technical Specifications

<b>NSN</b>	6140-01-554-2347	
<b>Operating Mode</b>	<b>15V Mode</b>	<b>30V Mode</b>
<b>Nominal Voltage</b>	14.4V	28.8V
<b>Operation Voltage range</b>	12V to 16.8V	14V to 33.6V
<b>Typical Capacity</b>	20.4Ah	10.2Ah
<b>Max. Discharge Current</b>	14A	7A
<b>Max. Pulse Current</b>	36A for 5 sec	18A for 5 sec
<b>Nominal Energy</b>	290Wh	
<b>Protections</b>	Over Voltage Limit: 4.30V (per cell) Under Voltage Limit: 2.40V (per cell) Over Current Protection: 19.0A Re-settable Fuse: Activates @ 70°C, Re-sets @ 55°C One-shot Thermal Fuse : Activates @ 93°C	
<b>Operation Temperature</b>	-30°C ~ 60°C	
<b>Storage Temperature</b>	-30°C ~ 60°C	
<b>Vibration</b>	MIL-STD-810D	
<b>Dimensions</b>	63x112.5x127 mm	
<b>Weight</b>	1400g	