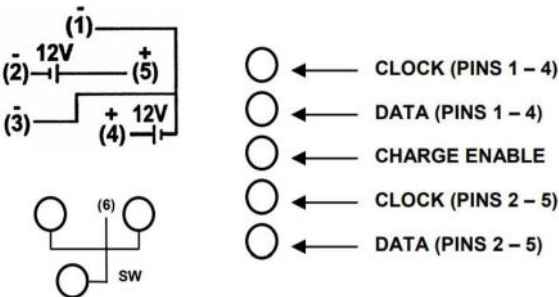


MB-2590-300

High Capacity 300Wh Rechargeable Li-ion Battery with SMBus

- High Energy Density
- Mission-Capable
- NSN Equivalent, Designed & Tested to MIL-PRF-32383/3



Advanced Features	Specifications
Ruggedized for Military Use	Manufacturer ID 07-52590
SMBus v1.1 Compliant	Model Number MB-2590-300
Wide Operating Temperature Range	NSN Number Pending
Highly Accurate “Fuel Gauge” Display	Voltage Range Series: 20 V - 33.6 V Parallel: 10 V - 16.8 V
Advanced Thermal & Over Charge Protection	Nominal Voltage Series: 28.8 V Parallel: 14.4 V
Intelligent Battery System with Multiple Charging Options	Nominal Capacity Series: 10.35 Ah Parallel: 20.7 Ah
Applications	Maximum Discharge Current Series: 12.5 A Parallel: 25.0 A
Communication & Data Devices	Energy / Total Power 288 Wh Minimum / 298 Wh Nominal
UGVs & MUGVs	Energy Density 199 Wh/Kg
UAV & UUV	Communication SMBus v1.1
Advanced Tactical Devices	Weight 3.2 lbs (1.5 kg)
Cable Connector Pin Out Diagram	Dimensions 5.0” (127.0mm) x 2.45” (62.6mm) x 4.40” (111.8mm)
	Cycle Life 70% Capacity after 500 cycles
	Operating Temperature -30°C to 55°C
	Storage Temperature -20°C to 50°C
	Terminals / Connector Floating Type USA DWG SC-C-179495
	Transportation Class 9 / IATA / UN 38.3
	Water Immersion 1 Meter Submersion, MIL-PRF-32383: 3.4.5.1
	Charge Indicator Two Independent 5-Segment LCDs (Constant On Display)