



## BB2590/U Battery



High performance Lithium Ion, Rechargeable battery pack. High energy density.

Durable high impact housing and connector enclosure.

Gold plated pins for optimal conductivity and re-connectivity without deformity.

Dual State of Charge indicators with Tactical display screen.

Protection against short circuit and improper charging

Technical Characteristics	
<b>Dimensions:</b>	L112.5mm X W63mm X H127mm
<b>Nominal weight:</b>	1400grams
<b>Max voltage:</b>	16.8 or 33.6 Volts
<b>Typical voltage</b>	14.4 or 28.8 Volts
<b>Nominal capacity</b>	15V Mode: 13.2Ah, 30V Mode: 6.6Ah
<b>Cycle life</b>	> 500 cycles
<b>Connector</b>	SC-C-179495 with gold plated pins
<b>Operating temperature range</b>	-20 to +60 Degrees Celsius
<b>Storage temperature range</b>	-20 to +60 Degrees Celsius
<b>Self discharge</b>	< 5% per month
<b>Transportation</b>	Class 9 Dangerous goods
<b>Shelf life</b>	5 years under controlled storage
<b>Applications</b>	Rugged Portable Electronics, Robotics, Military communications, AUVs and UUVs
<b>Casing material</b>	Enforced ABS
<b>Disposal</b>	Check with local authorities
<b>Memory effect</b>	NIL
<b>Charging</b>	Charge each section at constant voltage. 3.0A max for 5 hours. Both sections can be charged parallel and charge time will increase to 6 hours.
<b>Compatible chargers</b>	GS8002, Ultralife CH0003(6bay) or equivalent.

Testing specifications
Impact tested
Altitude Tested
Drop tested
Voltage tested
Mechanical Shock tested
Vibration tested
Leakage
Insulation resistance