



# Smart Lithium Ion Battery DSL- 10/H

Replacement of  
Ni-Cd Peg belt IC2

## TECHNICAL DATASHEET



### Features

- Intelligent High Efficiency Charge Management
- Over-charging and Over-discharging Protection Circuit
- Battery Protection Circuit Module (PCM) Incorporated
- Smart Circuit Technology ®
- State-of- Charge Display
- High Energy Density

### Typical Applications

- Thermal Imager Sophie (Belt) Auxiliary Source

### Charging System

- The battery Module has an in-built Charge Management System which allows direct charging from 80~100 Watt DC Charger Adaptor of 18~24 VDC. Charging time will be 4~5 hrs
- The in-built Charge Management System also allows direct charging of battery from 24 Volt Vehicle Battery or any 24V DC Source. The charging time remains to be 4~5 hrs

## Technical Specifications

<b>Part Number</b>	16-AXS-001-5
<b>DPP Part Number</b>	DPP-10/H
<b>Weight</b>	
<b>Nominal Voltage</b>	10.8V
<b>Capacity</b>	13.0 AH
<b>Max. Discharge</b>	8.0 A
<b>Max. Pulse Discharge</b>	11.0A < 1 S
<b>Energy</b>	135 W h
<b>Life Cycle</b>	Min 350 Cycles
<b>Memory</b>	No Memory Effect
<b>Operating Temperature</b>	-20°C to +55°C
<b>Storage Temperature</b>	0°C to +35°C
<b>Self-Discharge</b>	Negligible
<b>Exterior / Hosing</b>	Plastic
<b>Terminals / Connector</b>	Customized 2 pin plug
<b>State-of-charge indicator</b>	5-segment LCD Display
<b>Qualification</b>	Designed to Military Standard
<b>Protection</b>	Over Charging Protection
	End of Discharge Protection
	Over Discharge Current Protection
	Over Charge Current Protection