MGL2809

Sealed Lithium Ion Rechargeable Battery

Composition

15V 2.2 Ah 4S1P ICR-18650 Battery Pack With Shrink Wrap And Flying Output Leads
(Drawing Number 800055)

Electrical Details

Technology	Rechargeable Lithium Ion Battery Pack	
Nominal Voltage	15 V	
Nominal Capacity	2.2 Ah	
Charge Current Nominal	1.0 Amps	
Charge Current Maximum	2.0 Amps	
Charge Current Minimum	0.1 Amps	
Charge Voltage Nominal	16.8 Volts	
Charge Voltage Maximum	16.9 Volts	
Charge Voltage Minimum	16.6 volts	
Charging Temp Nom	20	Degrees C
Charging Temp Maximum	40	
Charging Temp Minimum	0	Degrees C
Charge Termination (Current)	100 mA	
Charge Termination (Time)	3 Hours	At Nom Charge Rate

Electrical Details

Discharge Current Maximum	2.0 Amps
Discharge Temp Nominal	20 Degrees C
Discharge Temp Maximum	50
Discharge Temp minimum	Minus 10 Degrees C
Discharge Cut off V Nom	11.2 Volts
Discharge Cut off V Max	12.0 Volts
Discharge Cut off V Min	10.8 Volts
Protection Circuit	PLH-2010 With Polyswitch
Fuse Rating	7 Amps
Thermal Fuse Rating	N/A
Bypass Diode Rating	IN4001
Storage Temperature Nom	20 Deg C (12 Months)
Storage Temperature Max	30 Deg C
Storage Temperature Min	Minus 20 C

Battery Dimensions	
Length	70mm
Width	38mm
Height	38mm

Packing And Weight	
Packaging	Industrial
Battery Weight	0.2Kg

EXTERNAL APPEARANCE

The battery Pack Is Coated In A Black Shrink Wrap With Red/Blk Output Leads

WARRANTY

One (1) year limited warranty against workmanship and material defects.

UN T1-T8 Tested for transportation

CAUTION

1. Observe Correct Polarity
2. Do Not Store In A Fully Discharged Condition
3. Do not charge /discharge with more than the specified current.
4. Do Not Short Circuit
5. Do not incinerate or mutilate the cell/battery.
6. Do not solder directly to the cell /battery.
9. Keep away from children. If swallowed, contact a physician at once.
10. Do not recharge in a hermeticaly sealed container