



MGL2807

Sealed Lithium Ion Rechargeable Battery



Composition

7.5V 2.2Ah 2S1P ICR18650 Battery Pack With Shrink Wrap And Flying Output Leads (Drawing Number 800052)

Electrical Details

Technology	Rechargeable Lithium Ion Battery Pack	
Nominal Voltage	7.5 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	8.4 Volts	
Charge Voltage Maximum	8.5 Volts	
Charge Voltage Minimum	8.3 Volts	
Charging Temp Nom	20	Degrees C
Charging Temp Maximum	45	
Charging Temp Minimum	0	Degrees C
Charge Termination (Current)	100mA	
Charge Termination (Time)	3 Hours At Nom Charge Rate	

Electrical Details

Discharge Current Maximum	3.0 Amps
Discharge Temp Nominal	20 Degrees C
Discharge Temp Maximum	40
Discharge Temp minimum	Minus 10 Degrees C
Discharge Cut off V Nom	6.0 Volts
Discharge Cut off V Max	5.5 Volts
Discharge Cut off V Min	5.0 Volts
Protection Circuit	With Polyswitch
Fuse Rating	N/A
Thermal Fuse Rating	N/A
Bypass Diode Rating	N/A
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	19mm
Height	38mm

Packing And Weight	
Packaging	Industrial
Battery Weight	0.1Kg

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 hermetically sealed container

Data sheet