



MGL2806

Sealed Lithium Ion Rechargeable Battery



Composition

15V 6.8Ah 4S1P MP176065 Battery Pack With Shrink Wrap And Flying Output Leads (Drawing Number 800050)

Electrical Details

Technology	Rechargeable Lithium Ion Battery Pack
Nominal Voltage	15 V
Nominal Capacity	6.8 Ah
Charge Current Nominal	3.1 Amps
Charge Current Maximum	5.0 Amps
Charge Current Minimum	0.15 Amps
Charge Voltage Nominal	16.5 Volts
Charge Voltage Maximum	16.8 Volts
Charge Voltage Minimum	16.2 Volts
Charging Temp Nom	20 Degrees C
Charging Temp Maximum	40 Degrees C
Charging Temp Minimum	0 Degrees C
Charge Termination (Current)	150mA
Charge Termination (Time)	3 Hours At Nom Charge Rate

Electrical Details

Discharge Current Maximum	5.0 Amps
Discharge Temp Nominal	20 Degrees C
Discharge Temp Maximum	40
Discharge Temp minimum	Minus 10 Degrees C
Discharge Cut off V Nom	11.2 Volts
Discharge Cut off V Max	12 Volts
Discharge Cut off V Min	10.8 Volts
Protection Circuit	GP15203
Fuse Rating	7 Amps
Thermal Fuse Rating	84 Deg C
Bypass Diode Rating	5 Amps
Storage Temperature Nom	20 Deg C (12 Months)
Storage Temperature Max	30 Deg C
Storage Temperature Min	Minus 20 C

Battery Dimensions	
Length	122mm
Width	38mm
Height	75mm

Packing And Weight	
Packaging	Industrial
Battery Weight	0.64Kg

EXTERNAL APPEARANCE

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

WARRANTY & QA

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