



MGL2803



Sealed Lithium Ion Rechargeable Battery

Composition

3.75V 6.8Ah 1S1P MP176065 Battery Pack With Shrink Wrap And Flying Output Leads
(Drawing Number 800040)

Electrical Details

Technology	Rechargeable Lithium Ion Battery Pack	
Nominal Voltage	3.75V	
Nominal Capacity	6.8Ah	
Charge Current Nominal	3.1 Amps	
Charge Current Maximum	5.0 Amps	
Charge Current Minimum	0.15 Amps	
Charge Voltage Nominal	4.2 Volts	
Charge Voltage Maximum	4.25 Volts	
Charge Voltage Minimum	4.1 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 Amps
Discharge Temp Nominal	20 Degrees C
Discharge Temp Maximum	60 Degrees C
Discharge Temp minimum	Minus 10 Degrees C
Discharge Cut off V Nom	2.8 Volts
Discharge Cut off V Max	3.0 Volts
Discharge Cut off V Min	2.7 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	70mm
Width	20mm
Height	60mm

Packing And Weight	
Packaging	Industrial
Battery Weight	0.16Kg

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