



Technical Specifications

Rose Batteries Standard Lithium Ion Battery 3.7V, 1950 mAh

Product Name	Rose Standard Lithium Ion Battery 3.7 V, 1950 mAh
Part Number	LIP-1S1P-1950
Description	3.7 V, 1.95 Ah lithium ion battery with a safety unit.
Operating Temperature	Operating temperature range (charge): 0° to 45° C Operating temperature range (discharge): -10° to 60° C Storage temperature range: -20° to +35° Celsius
Operating Humidity	45% - 85% under all conditions
Voltage	Minimum open circuit voltage on shipment: 3.7 V Minimum voltage on discharge: 3.0 V Maximum voltage on charge: 4.2 V
Current	Maximum charge current: 1.9 A Maximum discharge current: 1.9 A
See Rose Applications Engineering for further information	
Safety Unit	Nominal over-voltage cutoff: 4.3 V Nominal under-voltage cutoff: 2.3 V Nominal over-current cutoff: 3.5 A
Date Code Labeling	Battery packs are labeled with the date of assembly.
Storage	Batteries may be stored under the conditions of section 2 for a maximum of six months from the date of pack assembly.



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Cable length	2.5" long.
Connector	Molex 50-37-5023.
Pins	Molex 08-70-1040.
Weight	Nominal Weight: 52 g
Dimensions	Maximum Length: 2.30"
	Maximum Width: 1.50"
	Maximum Height: 0.47"
Warranty	1 year from date of assembly, as detailed in Rose Warranty.

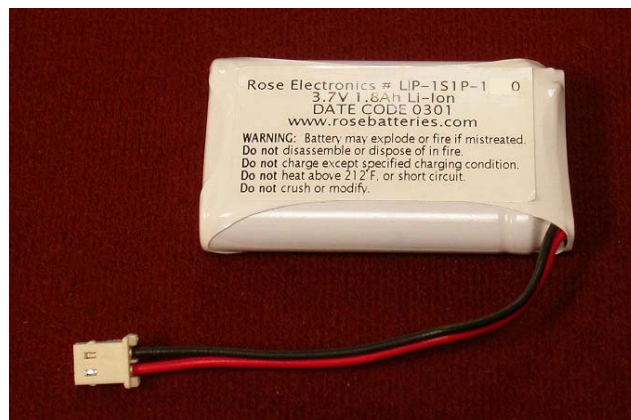
Label Example

Rose Electronics LIP-1S1P-1950
3.7V 1950MAH Li-ION
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yyww

WARNING: Battery may explode or fire if mistreated
Do not disassemble or dispose of in fire.
Do not charge except specified charging condition.
Do not heat above 212° F, or short circuit.
Do not crush or modify.

Label Dimensions 2.00" wide x 1.00" high

Photograph



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