



Technical Specifications

Rose Batteries Standard Lithium Ion Battery 7.4 V, 4400 mAh

Product Name	Rose Standard Lithium Ion Battery 7.4 V, 4400 mAh
Part Number	LI-2S2P-4400
Description	7.4 V, 4.4 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: 7.4 V Minimum voltage on discharge: 6.0 V Maximum voltage on charge: 8.4 V
Current	Maximum charge current: 2.5 A Maximum discharge current: 2.5 A
See Rose Applications Engineering for further information	
Safety Unit	Nominal over-voltage cutoff: 8.6 V Nominal under-voltage cutoff: 4.6 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: 190 g
Dimensions	Maximum Length: 5.25"
	Maximum Width: 1.50"
	Maximum Height: 0.77"
Warranty	1 year from date of assembly, as detailed in Rose Warranty.

Label Example

Rose Electronics # LI-2S2P-4400
7.4V 4.4Ah Li-Ion
DATE CODE yyww
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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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