

## FEATURES

- Pre-wired with bare wire terminals
- Rechargeable (Rapid/Standard)
- Thermally stable
- Voltage: 7.4 V
- Capacity: 2.6Ah
- Chemistry: Lithium-Ion Polymer

## RS PRO 7.4V Lithium-Ion Rechargeable Battery Pack, 2.6Ah

RS Stock No.: 144-9410



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

This RS PRO Li-Polymer rechargeable 2.6Ah battery pack is the best way of adding an autonomous and stable power supply to your project that requires mobility and long-lasting energy supply. Compared to NiMh cells these Li-ion battery packs offer twice as much energy with a low self-discharge. Lithium-ion battery packs are thermally stable and highly resistant to the cold. The flat shaped pack provides a much higher specific energy than standard lithium batteries and are typically used in applications where weight may be an issue.

## General Specifications

|                        |  |
|------------------------|--|
| <b>Chemistry</b>       | Lithium-Ion                                |
| <b>Number Of Cells</b> | 2  |
| <b>Terminal Type</b>   | Wire Lead                                  |
| <b>Application</b>     | Emergency Lighting; Commercial; Industrial |

## Electrical Specifications

|  |              |
|--|--------------|
| <b>Nominal Voltage</b>                 | 7.4V         |
| <b>Capacity</b>                        | 2.6Ah        |
| <b>Maximum Charge Voltage</b>          | 8.40 ±0.05 V |
| <b>Standard Charge (16H)</b>           | 0.5°C        |
| <b>Fast Charge (1H)</b>                | 1°C          |
| <b>Over-Charge Recovery Voltage</b>    | 4.05V        |
| <b>Over-Discharge Detect Voltage</b>   | 2.92V        |
| <b>Over-Discharge Recovery Voltage</b> | 2.90V        |
| <b>Overcurrent Protection</b>          | 14-21A       |
| <b>Idle Mode</b>                       | 7µA          |
| <b>Main Loops Electrify Resistance</b> | mΩ           |

## Mechanical Specifications

|                |           |
|----------------|-----------|
| Length         | 37mm      |
| Width          | 69mm      |
| Height         | 19mm      |
| Weight         | 94g       |
| Length Of Wire | 120 ±10mm |

## Operation Environment Specifications

|                             |               |
|-----------------------------|---------------|
| Charge Temperature Range    | -20°C to 60°C |
| Discharge Temperature Range | -20°C to 45°C |
| Storage Temperature Range   | -20°C to 60°C |

## Approvals

|                           |         |
|---------------------------|---------|
| Compliance/Certifications | EN61340 |
|---------------------------|---------|

