

1S2P MP174565xtd


RECHARGEABLE LI-ION BATTERY



Picture for reference only

This Li-Ion battery uses a MP174565xtd cell which is ideally suited for applications requiring high energy, long operating life under cycling conditions and offers excellent performance in harsh environments.

❖ KEY FEATURES

- Cycle life more than 1800 cycles at 100% DoD at C/2 discharge rate and 1C charge rate
- Stainless steel cell casing
- No memory effects
- Manufactured in France 

❖ WARNING

- Do not crush, short-circuit, incinerate, dismantle, immerse in any liquid, heat above +60°C
- Observe charging conditions
- Refer to Li-ion Battery User manual for further information on the use.

❖ INFORMATIONS

- Information in this document is subject to change without notice and becomes contractual only after written confirmation by WILLIAMSON ELECTRONIQUE.

SPECIFICATIONS

| | |
|-------------------|------------------------------|
| Designation | 1S2P MP174565xtd |
| Part number | WILPA7111 |
| Battery type | RECHARGEABLE |
| Technology | Li-ion |
| Cell manufacturer | SAFT |
| Homologation | UN38.3 IEC 62133-2 : 2017 |

ELECTRICAL CHARACTERISTICS

| | |
|--|---|
| Nominal voltage | 3.65 V |
| Typical capacity (at C/5 rate, +25°C, 2.5V cut-off) | 8 Ah |
| Nominal energy | 29.2 Wh |
| Recommended max. discharge current* | 7 A to 2.7 V |
| Charging method | Constant Current/Constant Voltage |
| Charging voltage | 4.2 V ± 0.04 V |
| Max. charge current* | 7 A |
| Storage & transportation temperatures* | +10 °C to +30 °C |
| Operating temperatures* | Charge -30 °C to +85 °C Discharge -40 °C to +85 °C |

*For more severe conditions contact Williamson Electronique

PHYSICAL CHARACTERISTICS

| | |
|----------------|------------------------------|
| Length** | 92 mm |
| Width** | 19 mm |
| Height** | 70 mm |
| Weight** | 211 g |
| Wires gauge | 18 AWG |
| Wires length** | 100 mm |
| Connector | MOLEX MINI |
| Polarity | Plus : Pin 2 / Minus : Pin 1 |
| Casing | Heat-Shrinkable Sleeve |

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