


# 1S1P MP174350xtD

## RECHARGEABLE LI-ION BATTERY

This Li-Ion battery uses a MP174350xtD cell which is ideally suited for applications requiring high energy, long operating life under cycling and floating conditions and offers excellent performance in unregulated environments from -40°C to +85°C.

### ❖ KEY FEATURES

- Cycle life more than 2600 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 +85°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.



Picture for reference only

## SPECIFICATIONS

Designation	1S1P MP174350xtD SG
Part number	<b>WILPA7103</b>
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)	2.6 Ah
Nominal energy	9.4 Wh
Recommended max. discharge current*	1 A to 2.7 V
Charging method	Constant Current/Constant Voltage
Charging voltage	4.2 V ± 0.04 V
Max. charge current*	1 A
Storage & transportation temperatures*	+10 °C to +30 °C
Operating temperatures*	Charge -30 °C to +60 °C Discharge -35 °C to +60 °C

\*For more severe conditions contact Williamson Electronique

## PHYSICAL CHARACTERISTICS

Length**	46 mm
Width**	15 mm
Height**	54 mm
Weight**	72 g
Wires gauge	18 AWG
Wires length**	50 mm
Connector	MOLEX 39-01-2020
Polarity	Plus: Red/ Minus: Black / CTN: Yellow
Casing	Heat-shrinkable Sleeve

\*\*For reference only.