

1S1P MP174865xlr

RECHARGEABLE LI-ION BATTERY



This Li-Ion battery uses a MP174865xlr 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	1S1P MP174865xlr
Part number	WILPA7107
Battery type	RECHARGEABLE
Technology	Li-ion
Cell manufacturer	SAFT
Homologation	UN38.3

ELECTRICAL CHARACTERISTICS

Nominal voltage	3.65 V
Typical capacity (at C/5 rate, +25°C, 2.5V cut-off)	5.3 Ah
Nominal energy	19.3 Wh
Recommended max. discharge current*	5 A to 2.7 V
Charging method	Constant Current / Constant Voltage
Charging voltage	4.2 V +/- 0.04 V
Max. charge current*	5 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**	62 mm
Width**	19 mm
Height**	68 mm
Weight**	130 g
Wires gauge	20 AWG
Wires length**	250 mm
Connector	N/A
Polarity	Plus: red / Minus: black
Casing	Heat-shrinkable Sleeve

**For reference only