

1S1P MP144350xlr

RECHARGEABLE LI-ION BATTERY

This Li-Ion battery uses a MP144350xlr 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 -35°C to +60°C.

❖ KEY FEATURES

- Cycle life more than 1100 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.

SPECIFICATIONS



Picture for reference only

Designation	1S1P MP144350xlr
Part number	WILPA7103
Battery type	SECONDARY
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*	+15 °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	26 AWG
Wires length**	50 mm
Connector	HIROSE 5 PTS TF13DF 2630SCFA
Polarity	Plus: Red/ Minus: Black / CTN: Yellow
Casing	Heat-shrinkable Sleeve

**For reference only.