


8S1P 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 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.



Picture for reference only

SPECIFICATIONS

Designation	8S1P MP144350xlr SG
Part number	WILPA7801
Battery type	RECHARGEABLE
Technology	Li-ion
Cell manufacturer	SAFT
Homologation	UN38.3

ELECTRICAL CHARACTERISTICS

Nominal voltage	29.2 V	
Typical capacity (at C/5 rate, +25°C, 2.5V cut-off)	2.6 Ah	
Nominal energy	75.92 Wh	
Recommended max. discharge current*		
Continuous current	5 A to 21.6 V	
Pulse capability	10 A	
Charging method	Constant Voltage	Current/Constant
Charging voltage	33.6 V ± 0.33 V	
Max. charge current*	2.6 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**	108 mm
Width**	52 mm
Height**	60 mm
Weight**	570 g
Wires gauge	18 AWG
Wires length**	90 mm
Connector	N/A
Polarity	Plus : Red / Minus : Black
Casing	Heat-shrinkable Sleeve

**For reference only