

4S1P


MP176065xtd

RECHARGEABLE LI-ION BATTERY



This Li-Ion battery uses a MP176065xtd 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	4S1P MP176065xtd
Part number	WILPA7404
Battery type	RECHARGEABLE
Technology	Li-ion
Cell manufacturer	SAFT
Homologation	UN38.3

ELECTRICAL CHARACTERISTICS

Nominal voltage	14.6 V
Typical capacity (at C/5 rate, +25°C, 2.5V cut-off)	5.6 Ah
Nominal energy	81.7 Wh
Recommended max. discharge current*	4 A to 10.8 V
Charging method	Constant Current/Constant Voltage
Charging voltage	16.8 V \pm 0.17 V
Max. charge current*	4 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**	128 mm
Width**	43 mm
Height**	75 mm
Weight**	628 g
Wires gauge	20 AWG
Wires length**	150 mm
Connector	MOLEX 3901-2125 MINI-FIT FEM 12PTS UL94-V0
Polarity	Plus: red / Minus: black
Casing	Stainless steel

**For reference only