

# 4S2P MP176065xlr


## RECHARGEABLE LI-ION BATTERY



Picture for reference only

This Li-Ion battery uses a MP176065xlr 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	4S2P MP176065xlr SG
Part number	<b>WILPA7406</b>
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)	13.6 Ah
Nominal energy	198 Wh
Recommended max. discharge current*	5 A to 10.8 V
Charging method	<b>Constant Current/Constant Voltage</b>
Charging voltage	<b>16.8 V ± 0.16 V</b>
Max. charge current*	<b>4 A</b>
Storage & transportation temperatures*	+10 °C to +30 °C
Operating temperatures*	<b>Charge -30°C to +60°C</b> <b>Discharge -35°C to +60°C</b>

\*For more severe conditions contact Williamson Electronique

## PHYSICAL CHARACTERISTICS

Length**	240 mm
Width**	38 mm
Height**	73 mm
Weight**	1260 g
Wires gauge	20 AWG
Wires length**	285 mm
Connector	350777-4 2PTS Mate-N-Lock
Polarity	Plus: Red / Minus: Black
Casing	Heat-Shrinkable Sleeve

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