


# 7S2P MP176065xlr

## RECHARGEABLE LI-ION BATTERY



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	7S2P MP176065xlr
Part number	<b>WILPA7707</b>
Battery type	RECHARGEABLE
Technology	Li-ion
Cell manufacturer	SAFT
Homologation	UN38.3

### ELECTRICAL CHARACTERISTICS

Nominal voltage	25.55 V
Typical capacity (at C/5 rate, +25°C, 2.5V cut-off)	13.6 Ah
Nominal energy	347 Wh
Recommended max. discharge current*	
Continuous current	6.4 A
Max peak current	29 A (<0,69s)
Charging method	Constant Current/Constant Voltage
Charging voltage	29.4 V ± 0.3 V
Max. charge current*	6.8 A
Storage & transportation temperatures*	+10 °C to +30 °C
Operating temperatures*	Charge -35°C to +60°C Discharge -35°C to +60°C

\*For more severe conditions contact Williamson Electronique

### PHYSICAL CHARACTERISTICS

Length**	223.5 mm
Width**	169 mm
Height**	84.25 mm
Weight**	3000 g
Wires gauge	20 AWG
Wires length**	0 mm (Embase)
Connector	Embase D38999 FEMELLE 10PTS
Polarity	Plus: red / Minus: black
Casing	Stainless steel

\*\*For reference only