



LITHIUM

The FL range is a complete range of batteries for robotic mowers specially designed for intensive charge and discharge use. Equipped with high-quality, high-capacity Lithium cells, this range thus offers the robot great autonomy in working.

DIMENSIONS & WEIGHT

LENGTH	103.70 ±1mm
WIDTH	48.80 ±1mm
HEIGHT	72.10 ±2mm
WEIGHT	0.42Kg (tolerance ±3%)

FEATURES

- COMPATIBLE BATTERY TYPE
- HIGH CYCLE LIFE: UP TO 500 CYCLES
- LONG BATTERY LIFE: CAPACITY SOMETIMES HIGHER THAN THE ORIGINAL BATTERY
- HIGH QUALITY LITHIUM CELLS (LG, SAMSUNG, PANASONIC,...)
- MORE THAN 200 MODELS OF ROBOTS COVERED

SPECIFICATIONS

Nominal voltage	28V (18650 - 7S1P)
Nominal capacity	2.5Ah
Energy	70.0Wh
Technology	Lithium-Ion
Brand cells	Panasonic
Protection function (PCM)	Over charge protection/Over discharge protection/Over current protection/Temperature protection/Balanced function
Standard charge	
Max charge Current	2.5A (29.4V max)
Standard discharge	
Standard discharge current	0.5A (cut-off voltage: 21V)
Max discharge current	2.5A
Operating temp. range	
Charge temperature	0°C to 45°C
Discharge temperature	-10°C to 60°C
Storage temperature	0°C to 40°C

APPLICATIONS



Robot Mower

COMPATIBILITY (LIST NOT EXHAUSTIVE)

- WORX
LANDROID LI500I/M500/WG754E/WG790