



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	69 ±1mm
WIDTH	56 ±1mm
HEIGHT	67 ±2mm
WEIGHT	0.25Kg (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	18V (18650 - 5S1P)
Nominal capacity	2Ah
Energy	36Wh
Technology	Lithium-ion
Protection function (PCM)	-
Standard charge	
Max charge Current	1A (the output voltage must be less than 21V)
Standard discharge	
Standard discharge current	0.4A (cut-off voltage must be higher than 12.5V)
Max discharge current	15A
Operating temp. range	
Charge temperature	0°C to 45°C
Discharge temperature	-10°C to 60°C
Storage temperature	0°C to 40°C

TERMINAL



APPLICATIONS



Robot Mower

COMPATIBILITY (LIST NOT EXHAUSTIVE)

- HUSQVARNA**
AUTOMOWER 105/305/308
- MCCULLOCH**
R600, R800, R1000 (2007-2019)
- GARDENA**
R38LI, R40LI, R80LI