



**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	144.50 ±1mm
WIDTH	76.85 ±1mm
HEIGHT	38.36 ±2mm
WEIGHT	0.46Kg (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	25.2V (18650 - 7S1P)
Nominal capacity	2.3Ah
Energy	57.96Wh
Technology	Lithium-ion
Brand cells	-
Protection function (PCM)	Over charge protection/Over discharge protection/Over current protection/Temperature protection/Balanced function
Standard charge	
Max charge Current	2.3A (29.4V max)
Standard discharge	
Standard discharge current	0.46A (cut-off voltage: 21V)
Max discharge current	40 - 60A
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)

- AMBROGIO  
L30/L75/L85
- STIGA  
AUTOCLIP 125/127/145/223/225S