



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	147.8 ±1mm
WIDTH	92.8 ±1mm
HEIGHT	64.5 ±2mm
WEIGHT	1.15Kg (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 - 7S2P)
Nominal capacity	8.7Ah
Energy	219.24Wh
Technology	Lithium-ion
Brand cells	SAMSUNG - INR18650 - 29E
Protection function (PCM)	Over charge protection/Over discharge protection/Over current protection/Temperature protection/Balanced function
Standard charge	
Max charge Current	4.125A (29.4V max)
Standard discharge	
Standard discharge current	0.825A (cut-off voltage: 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)

- AMBROGIO
TYPE L100 SERIE
- STIGA
AUTOCLIP 140/325/520