



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	301.94 ±1mm
WIDTH	156.80 ±1mm
HEIGHT	40.68 ±2mm
WEIGHT	2.32Kg (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 - 7S6P)
Nominal capacity	12.8Ah
Energy	347.76Wh
Technology	Lithium-ion
Brand cells	Samsung
Protection function (PCM)	Over charge protection/Over discharge protection/Over current protection/Temperature protection/Balanced function
Standard charge	
Max charge Current	13.8A (29.4V max)
Standard discharge	
Standard discharge current	2.76A (cut-off voltage: 21V)
Max discharge current	13.8A
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 L200/L300 SERIE
- STIGA**
AUTOCLIP 720S/920S
- WIPER ONE**
XH/HXD