



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 | 93 ±1mm |
| WIDTH | 23 ±1mm |
| HEIGHT | 67 ±2mm |
| WEIGHT | 0.27Kg (tolerance ±3%) |

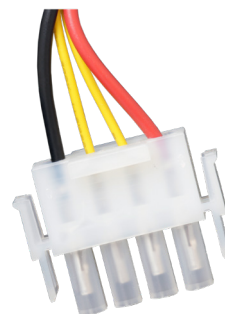
FEATURES

- 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 | 2.5Ah |
| Energy | 45Wh |
| 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 | 1.25A (21V max) |
| Standard discharge | |
| Standard discharge current | 0.5A (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)

- AL-KO
ROBOLINHO 100/110/41.6