

DATA SHEET

FL-HU02

FULBAT™
LAWN & GARDEN BATTERY

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 **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	93.5 ±1mm
WIDTH	24.8 ±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	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) 15A
Max discharge current	10A
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 310/315
- GARDENA
R100/R160