

FL-HU02

Datasheet



FL SERIES is a complete range of batteries for robot mowers specially designed for intensive charge and discharge use.

Equipped with high-quality and high-capacity Lithium cells, this range thus offers the robot great autonomy in working.

FEATURES

- » Compatible battery type
- » High cycle life
- » Long battery life: capacity sometimes higher than the original battery
- » High quality Lithium cells
- » More than 200 models of robot covered

COMPATIBILITY (LIST NOT EXHAUSTIVE)

- **AL-KO**
Automower 310, 315
- **GARDENA**
R100, R160

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

DIMENSIONS & WEIGHT

Length	93.5±2mm
Width	67±2mm
Total Height	26±2mm
Gross weight	0.25 kg

TERMINAL



APPLICATIONS



Lawn & garden