

BS Code: 360601

Li-ion | ROBOT

# LITHIUM BATTERY

REF **BSL-AL01**18<sub>v</sub> VOLTAGE45<sub>Wh</sub> ENERGY

2.5Ah CAPACITY

The BSL 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.

## FEATURES

- Compatible battery type
- High cycle life: up to 1000 cycles
- Long battery life: capacity sometimes higher than the original battery
- High quality Lithium cells
- More than 200 models of robots covered

## DIMENSIONS & WEIGHT

Length:	93±1mm
Width:	23±1mm
Height:	67±2mm
Weight:	0.27kg (tolerance ±3%)

## APPLICATIONS

ROBOT



## COMPATIBILITY (LIST NOT EXHAUSTIVE)

- AL-KO  
Robolinho 100/110/41.6

## SPECIFICATIONS

Nominal voltage:	18V (18650 - 5S1P)
Energy:	45Wh
Nominal capacity:	2.5Ah
Technology:	Lithium-ion
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
Operationg temp. range	
Charge temperature:	0°C to 45°C
Discharge temperature:	-10°C to 60°C
Storage temperature:	0°C to 40°C

## TERMINALS

