

LITHIUM BATTERY

LITHIUM | ROBOT

REF **BSL-HU02**18_v VOLTAGE45_{Wh} 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 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

DIMENSIONS & WEIGHT

| | |
|---------|------------------------|
| Length: | 93.5±1mm |
| Width: | 24.8±1mm |
| Height: | 67±2mm |
| Weight: | 0.25kg (tolerance ±3%) |

APPLICATIONS



Robot
Mower

COMPATIBILITY (LIST NOT EXHAUSTIVE)

- **HUSQVARNA**
Automower 310/315
- **GARDENA**
R100/R160

SPECIFICATIONS

| | |
|-----------------------------------|---|
| Nominal voltage: | 18V (18650 - 5S1P) |
| Energy: | 45Wh |
| Nominal capacity: | 2.5Ah |
| 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 |

| | |
|-------------------------------|---------------|
| 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

