

## LITHIUM BATTERY

LITHIUM | ROBOT

REF **BSL-ST01**



**25.2v** VOLTAGE

**219.24** Wh ENERGY

**8.7Ah** 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:	147.8±1mm
Width:	92.8±1mm
Height:	64.5±2mm
Weight:	1.15kg (tolerance ±3%)

### APPLICATIONS



Robot Mower

### COMPATIBILITY (LIST NOT EXHAUSTIVE)

- **AMBROGIO**  
TYPE L100 SERIE
- **STIGA**  
AUTOCLIP 140/325/520

### SPECIFICATIONS

<b>Nominal voltage:</b>	25.2V (18650 - 7S2P)
<b>Energy:</b>	219.24Wh
<b>Nominal capacity:</b>	8.7Ah
<b>Technology:</b>	Lithium-ion
<b>Brand cells:</b>	SAMSUNG - INR18650 - 29E
<b>Protection function (PCM):</b>	Over charge protection/Over discharge protection/Over current protection/Temperature protection/Balanced function
<b>Standard charge</b>	
Max charge Current:	4.125A (29.4V max)
<b>Standard discharge</b>	
Standard discharge current:	0.825A (cut-off voltage: 12.5V)
Max discharge current:	15A
<b>Operation temp. range</b>	
Charge temperature:	0°C to 45°C
Discharge temperature:	-10°C to 60°C
Storage temperature:	0°C to 40°C

### TERMINALS

