BATTERY DATA SHEET



LITHIUM | ROBOT



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:	69±1mm
Width:	56±1mm
Height:	67±2mm
Weight:	0 25kg (tolerance ±3%)
Weight:	0.25kg (tolerance ±3%)

APPLICATIONS

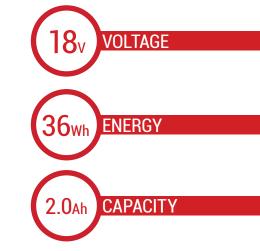


COMPATIBILITY (LIST NOT EXHAUSTIVE)

- HUSQVARNA Automower 105/305/308
- GARDENA R38Li, R40Li, R80Li
- OEM PART NUMBER: 589 58 61-01 / 586 57 62-01

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SPECIFICATIONS

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Nominal voltage:	18V (18650 - 5S1P)
Energy:	36Wh
Nominal capacity:	2.0Ah
Technology:	Lithium-ion
Brand cells:	SAMSUNG - INR18650 - 20R
Protection function (PCM):	Over charge protection/Over discharge protection/Over current protection/Temperature protection/Balanced function
Standard charge Max charge Current:	1A (the output voltage must be less than 21V)
Standard discharge Standard discharge current: Max discharge current:	0.4A (cut-off voltage must be higher than 12.5V) 15A
Operationg temp. range Charge temperature: Discharge temperature: Storage temperature:	0°C to 45°C -10°C to 60°C 0°C to 40°C

TERMINALS





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