

FL-ST01

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)

- **AMBROGIO**
TYPE L1000 SERIE
- **STIGA**
AUTOCLIP 140, 325, 520

SPECIFICATIONS

Nominal voltage	25.2V (18650 - 7S2P)
Nominal capacity	8.7Ah
Energy	219.24Wh
Technology	Lithium-ion
Brand cells	Samsung - INR18650 - 29E
Protection function (PCM)	Over charge protection/Over discharge protection/Over current protection/Temperature protection/Balanced function

Standard charge	
Max charge current	4.125A (29.4V max)
Standard discharge	
Standard discharge current	0.825A (cut-off voltage: 12.5V)
Max discharge current	15A
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	150±2mm
Width	64±2mm
Total Height	93±2mm
Gross weight	1.15 kg

TERMINAL



APPLICATIONS



Lawn & garden