

FL-ST02

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 L200, L300 SERIE
- **STIGA**
AUTOCLIP 720S, 920S
- **WIPER ONER**
XH, HXD

SPECIFICATIONS

Nominal voltage	25.2V (18650 - 7S6P)
Nominal capacity	13.8Ah
Energy	347.76Wh
Technology	Lithium-ion
Brand cells	Samsung
Protection function (PCM)	Over charge protection/Over discharge protection/Over current protection/Temperature protection/Balanced function
Standard charge	
Max charge current	13.8A (29.4V max)
Standard discharge	
Standard discharge current	2.76A (cut-off voltage: 21V)
Max discharge current	13.8A
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	302±2mm
Width	157±2mm
Total Height	41±2mm
Gross weight	2.32 kg

TERMINAL



APPLICATIONS



Lawn & garden