Robo-Brush

Product Datasheet

Product Overview

The **RoboBrush** is a compact, battery-powered cleaning tool designed for efficient solar brushing applications. Equipped with a powerful DC motor and a large-diameter brush, it delivers consistent performance for up to 5 hours on a single charge.

Technical Specifications

Parameter	Specification
Model Name	RoboBrush
Brush Type	Circular Rotating Brush
Brush Diameter	300 mm (30 cm)
Motor Type	DC Motor
Motor Power	40 Watts
Motor Voltage	24 V DC
Battery Type	Rechargeable Lithium-Ion
Battery Voltage	24 V
Battery Capacity	12 Ah
Operating Time	Up to 5 hours on full charge
Charging Time	~4-5 hours (typical)
Total Tool Weight	~5.5 kg (depending on housing and materials)
Noise Level	< 65 dB (at 1m distance)
Operating Temperature	0°C to 45°C
Storage Temperature	-10°C to 60°C

Features

- Long-lasting 24V / 12Ah battery for extended operation.
- 30 cm brush for wide cleaning coverage.

- Compact and ergonomic design for easy handling.
- Efficient 40W motor for optimal torque and performance.
- Low-noise operation suitable for indoor and outdoor use.

Safety & Compliance

- Overcurrent and undervoltage protection integrated.
- Battery includes short-circuit protection.