



MODEL S12

BATTERY POWER SWEEPER

SPECIFICATIONS

S12BAT

05-05

KEY PRODUCT FEATURES

Glide-In/Out Wheeled Hopper	Instant Access Filter
Color-Coded Wiring	No-Tool Brush & Filter Change
Corrosion-Proof Hopper & Shrouds	Synthetic Panel Filter
Non-marking tires	2 Built-In Utility Trays
Removable shroud	Low Effort Steering
High Visibility Operation Decals	Cup Holder
Tool free Side Brush	360° Visibility
Polyethylene Shrouds	Battery Discharge Indicator
Retractable Side Brush	Adjustable Recirculation Skirt
Heavy Duty Motor Controller	Hour Meter

SWEEPING SYSTEM

Type	Over Throw
Coverage Rate per Hour	
Average (6.0 km/h, 15 cm overlap, one side brush)	4650 m ²
Maximum (full speed, no overlap, one side brush)	5580 m ²
Cleaning Path (one side brush)	900 mm
Cleaning Path (two side brushes)	1100 mm
Main Brush Length (Tubular)	700 mm
Main Brush Lift	Mechanical Lever
Main Brush Drive	Chain
Side Brush Diameter (Disk)	405 mm
Edge Cleaning Reach	90 mm
Debris Access Clearance	95 mm
Hopper Volume Capacity	85 L
Hopper Weight Capacity	90 kg
Brush Motor	0.4 kW

DUST CONTROL SYSTEM

Filter System	Synthetic Panel Filter
Filter Area	4.5 m ²
Filter Seal	Fail Safe Filter Seal
Dust Filtration (to)	Microns
Shaker Mechanism	Mechanical Switch System
Vacuum Fan	0.3 kW
Vacuum Fan Diameter	250 mm
Vacuum Fan Speed	3000 rpm

PROPEL SYSTEM

Propel Motor	0.4 kW
Gradeability Full Hopper	8° / 14.1%
Gradeability Empty Hopper	10° / 17.6%
Ground Clearance	65 mm
Propel Speed	
Forward (variable to)	6.2 km/h
Reverse (variable to)	4.5 km/h
Tires	
Non-Marking Tires	
1 Front, Solid	76 mm wide x 248 mm OD
2 Rear, Pneumatic	85 mm wide x 265 mm OD

BATTERY & CHARGER

Standard Capacity Battery Pack (4x6 Volt)	180AH ⁵
Fully Automatic "Smart" Charger	Amp
Runtime with 25 brush pattern on hard surface	ca.4 hrs

SAFETY SYSTEM

Fire Protection	Thermal Sentry
Safety Certification	CE Labeled
Noise Level	72 dBa
Key Switch	Standard
Power Shutdown Switch	Standard
Parking Brake	Standard
Seat Switch	Standard
Audio Backup Alarm and flashing light	Standard

MACHINE DIMENSIONS

Length	1435 mm
Width	900 mm
Height	1145 mm
Weight	
Net	212 kg
With 180 AH ⁵ battery Package	332 kg
Maximum Tire Footprint Pressure (with 180 AH ⁵ Batteries)	860 kPa
Minimum Aisle Turn	2210 mm

BRUSHES AVAILABLE (BRISTLE TYPES)

<u>Main Brush</u>	<u>Side Brush</u>
Single Row Polypropylene	Polypropylene
Double Row Polypropylene	
Carpet – Natural Fiber	

MAJOR OPTIONAL EQUIPMENT

Left Hand Side Brush	Foam filled rear tires
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(Specifications subject to change without notice)