

# RIDE ON SWEEPER

[www.empower-india.in](http://www.empower-india.in)

## ES1600



ECO SELECT



SERVICE MENU



HAVEY DUTY AMETEK BRUSH  
MOTOR



ANTIBACTERIAL PLASTIC



SMART HANDLING SYSTEM



SLS- SELF LEVELING SYSTEM



ANC ADVANCED NOISE CONTROL



DBL DOUBLE BATTERY LIFE

CONSUMABLES (Codes available on price list)  
BATTERIES AND BATTERY CHARGER NOT INCLUDED

## Advanced Battery-Powered Sweepers for Efficient Industrial Cleaning

Meet the E-S Series—E-S1300, E-S1500, and E-S1600—our high-performance battery-powered sweepers designed to tackle heavy-duty cleaning tasks with ease. With sweeping widths ranging from 1300 mm to 1600 mm and working efficiencies up to 10,500 m<sup>2</sup>/h, these machines offer unmatched productivity. Features include powerful brush motors, high-capacity water and dust tanks, long battery life, and ergonomic controls. Whether you're maintaining warehouses, factories, or large outdoor areas, the E-S Series delivers powerful, quiet, and eco-friendly cleaning—without compromise.



Specification	ES 1600
Total MaxSweeping Width	1580 mm
Main Brush Width	760 mm
Max. Area Coverage	14,500 Sq. mtrs./Hr
Side Brush Diameter	2 × 500 mm
Filter Surface Area	8 Sq. mtrs
Working Hours	4–6 Hours
Grade Ability	<25°
Water Tank Volume	150 Ltrs
Garbage Tank Volume	200 Ltrs
Drive Motor Power	1250 Watts
Vacuum Motor Power	600 Watts
Main Brush Motor Power	850 Watts
Side Brush Motor Power	2 × 100 Watts
Noise Level	68 dBA
Battery Details	48 Volts 250 Ah
Type of Battery	Lead-Acid
Total Weight Dimensions	520 Kg
(L × W × H) Working	2100 mm × 1059 mm × 1387 mm
Speed	0–9 Km/Hr

Name	Lithium Battery (OPT)	Dry Battery (Lead-Acid / Gel)
Type	Li-ion / LiFePO <sub>4</sub>	Lead-Acid / Gel
Voltage	24V / 36V / 48V	24V / 48V
Capacity	100Ah – 400Ah	100Ah – 300Ah
Cycle Life	1500 – 3000 cycles	1000 – 1200 cycles
Performance	4 – 6 hours	3 – 4 hours
Weight	30–50% lighter	Heavier
Maintenance	Maintenance-free	Occasional (less with Gel)
Discharge Consistency	Stable voltage output	Voltage drop over time

### Battery Type



### EMPOWER INDUSTRIES

Ground floor, Empower House, near Dr Ambedkar Sahib Park, Pocket 3, Sector 16, Dwarka, Delhi, 110078

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**Scrubber Dryers | Ride-on Sweepers | Road Cleaning Vehicles | High-pressure Jet Machines | Industrial Vacuum Cleaners | Single Disc**

Empower Industries is a trusted name in industrial and commercial cleaning solutions, delivering innovation, quality, and performance across India. With world-class technology and a customer-first approach, we help build cleaner, smarter, and more sustainable spaces.