

EVDS-CCS1/CCS1-33 (NA)

Distributed Charging

Distributed DC Fast Charging

The EVPS series is designed for multi-bay depots and high-utilization sites that require centralized power with intelligent distribution across multiple charging points. By separating the power bank from the dispensers, EVPS enables efficient shared power delivery to support simultaneous vehicle charging while maximizing site utilization. Configurations scale from 360 kW up to 1280 kW, supporting up to 6 connectors on mid-power systems or up to 16 connectors on higher-capacity deployments. Intelligent load balancing dynamically allocates power where it's needed, including high-current output for heavy-duty vehicles.

Performance Specifications

DC (Battery) Specifications

Battery Chemistry	N/A
Stored Energy	N/A
Voltage	N/A
Battery Voltage Range	N/A
DC Charge / Discharge Current	N/A
Supply Input	N/A
Frequency	N/A
Power Factor	N/A
Network Connectivity	Ethernet, 4G, Wi-Fi
Communication Interface	N/A
Cooling Method	Forced air cooling

AC (PCS) Specifications

Rated Power	N/A
Max. AC Power	N/A
AC Rated Voltage	N/A
Grid Voltage Range	N/A
AC Rated Current	N/A
THDI	N/A

General Specifications

Cycle Life	N/A
IP Rating	IP55
Operating Temperature	-13°F (-25°C) to 122°F (50°C)
Operating Humidity	5% - 95% without condensation
Fire Fighting System	N/A
Gas Detection / Release	N/A
Energy Management System	N/A
Weight	485.0 lbs (220.0 kg)
Dimensions	L: 29.5in, 750.0mm
	W: 17.7in, 450.0mm
	H: 82.7in, 2100.0mm
Warranty	3 years as standard

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Features

Distributed DC fast charging systems delivering shared high power across multi-bay fleet and depot sites.

Model Variations Available

Approvals

Ask your Power-Sonic representative about additional certifications and approvals.

For Further Information

Please refer to our website, **www.power-sonic.com**, for a complete range of useful downloads, such as product catalogs, material safety data sheets (MSDS), ISO certification, etc.