

ES360

Product Specifications and Details



Designed for versatility, built for reliability

The ES360 redefines fast charging with its built-in battery storage, making these stations quicker, easier, and more cost-effective. As a mobile and fully integrated DC charging station boasting 300kWh storage and a 360kW charging capacity, the ES360 exemplifies cutting-edge technology designed for modern, eco-conscious businesses seeking scalable and flexible charging solutions.

Fast Deployment

Set up in hours, not days, to immediately boost your charging capacity.

Cost Effective

Reduce operational costs with energy-efficient technology and minimal maintenance.

Flexible and Movable

Easily relocate chargers to optimize usage and meet changing demands.

Specifications

Energy Storage	Energy Chemistry	Lithium-ion (LFP)
	Energy Storage Capacity	300kWh gross

Mechanical	Dimensions	21.3'L x 7.8'W x 8.8'H
	Cable Reach From Station	11.5 feet
	Weight	15,900 pounds

Environmental	Operating Temperature	-30 - 50°C
	Current Derating	-1.5% of maximum charging current per 1°C (above 45°C internal temperature)
	Maximum Altitude	2,000m
	Storage Temperature	-40 - 60°C
	Enclosure	IP55, IK10
	Operational Noise Level	<60db (at 1m distance)
	Ambient Air Humidity	<95% RH

Electrical (Output)	Supported Connector Types	CCS1 / NACSCCS2 / CHAdeMO
	Charge Ports	4
	Max Output Power (DC)	CCS1 / CCS2 / NACS: 150kW
		CHAdeMO: 80kW
		Combined: Charge four vehicles simultaneously and dynamically up to 150kW each (dependent on each connected EV's max charging limit and charging curve)
Voltage	Multivolt 150VDC - 1000VDC	

General Electrical (Input)	Input Voltage	3 x 400...480VAC - 15% / +10%
	Input Frequency	50/60Hz
	Output Voltage	150...1,000DC
	Output Power	<360kW
	Power Factor	0.99
	Efficiency @ Pout > 50%	>95%
	THDi @ Pout > 50%	<5%
	Standby Power	<170 W
	Overvoltage Class	II
	ICC	35kA
	Network Type	Star network (TN, TT, IT, PE)

Power Distribution	12 power units @ 30kW giving 360kW Up to four adaptive dynamic outputs 150 - 1,000VDC (with >250A charging cables) Max output current 500A (max. 10 min.) cable core temperature <70°C
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Network and User Interaction	<table><tr><td>Network Connection</td><td>4G, 5G, LTE</td></tr><tr><td>Communications</td><td>OCPP 1.6J / 2.0.1</td></tr><tr><td>User Interface Screen</td><td>7" touch screen</td></tr><tr><td>Credit Card Reader</td><td>Optional with setup via OCPP or OCPI</td></tr><tr><td>Payment Methods</td><td>RFID, Smart APPs, Credit Cards + Optional</td></tr><tr><td>Access Control and Authentication</td><td>RFID, NFC, APP, QR-Code, AUTOCHARGE,</td></tr><tr><td>Safety and Compliance</td><td>Plug&Charge (ISO15118) IEC 61851-1, IEC 61851-23, IEC 61851-21-2, Charging cable: IEC 62196-1, -2, -3, EN 61439-1, EN 61439-2, and EN 61439-7. (NEK 439), UL9540A, UL1741SA, UL1973, UL2202</td></tr></table>	Network Connection	4G, 5G, LTE	Communications	OCPP 1.6J / 2.0.1	User Interface Screen	7" touch screen	Credit Card Reader	Optional with setup via OCPP or OCPI	Payment Methods	RFID, Smart APPs, Credit Cards + Optional	Access Control and Authentication	RFID, NFC, APP, QR-Code, AUTOCHARGE,	Safety and Compliance	Plug&Charge (ISO15118) IEC 61851-1, IEC 61851-23, IEC 61851-21-2, Charging cable: IEC 62196-1, -2, -3, EN 61439-1, EN 61439-2, and EN 61439-7. (NEK 439), UL9540A, UL1741SA, UL1973, UL2202
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For innovative charging solutions that grow with your business, trust Elywhere. Discover more about how the ES360 series can transform your approach to EV charging.

+1 971 233 2026
na.elywhere.com
ena@elywhere.com