

ALL-IN-ONE COMPACT DESIGN 40KW DC FAST CHARGER

Form meets function in this standalone commercial charging station that delights and delivers.

KEY FEATURES

- ➔ **HIGH EFFICIENCY**
Charging time ~1 hour*
- ➔ **ALL-IN-ONE COMPACT DESIGN**
An elegant footprint for any location
- ➔ **EASY INTEGRATION**
Lower power requirement minimizes time and cost of installation for faster ROI



DESCRIPTION		NRG-40 kW
Input	Input Voltage	480VAC, 3P+N+PE (Wye configuration)
	Input Current	<48A
	Frequency	50 / 60 Hz
	Efficiency	>95% (Full load)
Output	Output Voltage	100A @ 400V
	Output Current	200-950 VDC
	Power	40 kW (max)
	Connector	CCS-1 (standard)
User Interface	Display	10-inch LCD with touchscreen
	Push Buttons	Emergency Stop
	User Authentication	OCPP 1.6J (up to 2.0) / RFID card reader
	Network Connection	Ethernet (standard) / 4G Dual Carrier (optional)
Environment	Operating Temperature	-22°F to 122°F
	Storage Temperature	-22°F to 158°F
	Humidity	<95% (non-condensing)
	Altitude	<6,561 feet
	Ingress Protection	NEMA 3R (IP55)
	Enclosure Protection	IK10 (Screen not included)
	Cooling	Forced Air
Mechanical	Dimensions (W x D x H)	30.9 in x 10.8 in x 62.2 in
	Weight	Wall Mount: 187 lb Pedestal Mount: 253 lb
	Cable Length	16 ft (standard) / Up to 23 ft (optional)
Protection		Over voltage / Under voltage / Over current Over temperature / Surge / Residual current
Compliance		UL 2202, UL 2231-1/-2, CSA C22.2 NO. 107.1-16, CSA C22.2 No. 281.1-12/281.2-12



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*Estimated charging time from 20-80%, depending on vehicle battery capacity