

Chargnex One Level 3 DC Charger (30/40kW)



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The Chargnex One (30/40 kW) is a modular DC fast charger built for fleets, commercial sites, and public networks, delivering scalable high-power charging with reliable performance. It enables seamless, app-free, tap-to-charge payments while offering real-time monitoring and remote management through Chargnex Core. Designed for durability across diverse environments, it ensures consistent uptime with minimal maintenance through OTA updates.



Tap & Charge
Payment



Seamless OTA
Updates



OCPP 1.6J & 2.0.1



CSA Certified

30/40 kW

OUTPUT POWER

Fast and efficient DC charging

100A

MAXIMUM CURRENT

Optimized performance for commercial use

IP65

WEATHER PROOF

Built to last temperature ranging from -50°C to +50°C

12"

DISPLAY

Interactive smart user interface experience

General Specifications

Colours:



Input Voltage:

340V to 528V

Output Current:

CCS: 100A, NACS: 100A

Output Power:

30kW and 40kW

Output Voltage Range:

CCS: 150-1000Vdc, NACS: 150-1000Vdc

Frequency:

50/60Hz

Power Factor:

>0.99

Efficiency:

Up to 96% for 30kW, up to 97.5% for 40kW

Connectors:

CCS1, NACS, or combined

Communications:

Conforms to OCPP 1.6J and 2.0.1

Enclosure:

Aluminum, weather-resistant (IP type 3R), air-cooled

Operating Range:

-50°C to +50°C (-58°F to 122°F)

Dimensions:

608mm W x 1753mm H x 160mm D

Payments Scheme:

EMV contactless, Discover, JCB, Interac, Apple Pay, Google Pay, Diners Club, Union Pay, MasterCard, Visa, Samsung Pay

Payment Reader:

Contactless ISO14443 A & B, MIFARE family, Sony Felica

Connectivity:

4G

Display:

12" Touchscreen Display

Camera:

12 MP, wide NOIR camera with HDR & Autofocus