

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



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The Chargnex Hyper One Level 3 DC 30 kW & 40 kW is designed to deliver reliable fast charging while enabling businesses to build a scalable, revenue-generating EV charging network across workplaces, MURBs, and hospitality environments.

Powered by Chargnex Core, the solution enables real-time monitoring, remote management, and automated revenue tracking. Integrated open-loop contactless payments ensure a seamless, app-free driver experience.

Engineered for real-world deployment, Hyper One operates in extreme temperatures from -50°C to $+50^{\circ}\text{C}$ and features a weatherproof, durable enclosure for consistent uptime across diverse environments.

Built on a high-efficiency SiC architecture delivering up to 97.5% efficiency, Hyper One optimizes energy usage while reducing operating costs. Its dual-gun design enables sequential charging of two vehicles, maximizing utilization without requiring additional electrical upgrades. OTA updates ensure your infrastructure remains current and easy to manage.

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
Payment Reader:	Contactless ISO14443 A & B, MIFARE family, Sony Felica
Connectivity:	4G
Display:	12" Touchscreen Display
Camera:	12 MP, wide NOIR camera with HDR and autofocus
Audio:	2 x 2W Speaker