PREDIXON
PRO-CHARGE

MODULAR ULTRA-FAST DC CHARGING STATION

# PRO-CHARGE DC SERIES

**120 – 320 kW**

Next-generation DC charging for highway service plazas, commercial fleets and public fast-charging sites. Its field-upgradable modular architecture lets you start with the power you need today and grow to 320 kW as demand rises.




| 150–1000 V DC | 500 A | >96.5 % | 2× CCS2 |
|---|---|---|---|
| Wide output voltage | Peak current | System efficiency | Simultaneous charging |

## MODULAR POWER LEVELS

120 kW | 160 kW | 200 kW | 240 kW | **320 kW**

One enclosure, five power levels. Power modules are added in the field.

## KEY FEATURES

**Dynamic power sharing**
Charges two vehicles at once; power is allocated in real time to each battery's demand.

**400 V and 800 V vehicles**
150–1000 V DC output supports today's and next-generation vehicle platforms at full power.

**Hot-swap SiC modules**
30 / 40 kW high-efficiency power modules; servicing and power upgrades are done on site.

**Easy to use**
10.1" industrial touchscreen, RFID/NFC, QR, optional POS, ISO 15118 Plug & Charge.

**Open connectivity**
OCPP 1.6-J and 2.0.1, smart charging and Autocharge. 4G/LTE, Ethernet, Wi-Fi.

**Built for harsh sites**
IP65 / IK10 enclosure, −35 °C to +55 °C operation, C4/C5 anti-corrosion coating.

## APPLICATIONS

- Highway service plazas
- Commercial & logistics fleets
- Public fast-charging hubs
- Fuel station forecourts

## MODEL MATRIX

| Model | Modules | Max. current | AC input* | Simultaneous |
|---|---|---|---|---|
| **120 kW** | 4×30 / 3×40 kW | 300 A (500 A peak) | 180 A | 60 + 60 kW |
| **160 kW** | 4×40 kW | 400 A (500 A peak) | 240 A | 80 + 80 kW |
| **200 kW** | 5×40 kW | 500 A peak | 300 A | 100 + 100 kW |
| **240 kW** | 6×40 / 8×30 kW | 500 A peak | 360 A | 120 + 120 kW |
| **320 kW** | 8×40 kW | 500 A continuous | 480 A | 160 + 160 kW |

* At 400 V AC, 3-phase + PE input. Every model can deliver full power to a single vehicle.

Standards: IEC 61851-1 / -23 / -24 · IEC 61439-7 · IEC 61851-21-2 · ISO 15118-2/-20 · DIN 70121 · OCPP 1.6-J / 2.0.1

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