

HPC

High-power charging,
optimized for scale



Energizing the future



Scalable Operations

Additional dispensers can be added without installing a full new charger cabinet. Supports up to 12 gun dispensers, overhead cable management or liquid-cooled cables for high-power applications.

Dynamic Power Distribution

Supports dynamic power distribution to optimize energy utilization efficiency. Dynamic gun power distribution allows toggling of power output between single and double gun usage.

Operational Flexibility

Flexible payment options using QR, Autocharge or RFID. Convenient cable management system to enhance user experience.

Efficient Charging

Peak efficiency of up to 96.5%. Quick start up time of less than 30 seconds. Dual uplink enables increased uptime with access to operational and maintenance data.

Intuitive User Interface

Easy-to-understand user interface with easy-to-use 10-inch touchscreen.

HPC is a high-power charging solution designed for fleet depots and commercial EV operations. Available in 480kW and 640kW options, it supports up to 12 dispensers with intelligent dynamic power distribution to maximize charger utilization and operational efficiency.



Designed for flexibility, it offers multiple dispenser types to meet diverse site and vehicle requirements, including air-cooled and liquid-cooled options, well as floor-mounted and wall-mounted options. Standardised use of cable management further enhances safety and everyday usability.

HPC - Power Cabinet

Product Characteristics

Rated Power	
Input Voltage	
Power Factor	
Peak Efficiency	
Output Power	
Output Voltage	
Output Current	
Outlets	
IP/IK Rating	
Cooling	
Standby Power	
Dimensions (H × W × D)	
Certification	
Operating Temperature	
Installation distance between power cabinet and dispenser	

Power Cabinet

480kW / 640kW
400Vac±10%, 3-phase, 50/60Hz, 2*(L1+L2+L3+N+PE)
≥0.99 at full load
≥96.5%
640kW max
200~1000Vdc
2130A in total, 133A per power module, 500A per channel
Up to 12 Outlets
IP55, IK10
Forced Air Cooling
≤100W
2100 x 1400 x 800mm
CE/CB, IEC61851-23:2023
-25°C~+50°C
60m/100m (optional)

HPC - Dispensers

Product Characteristics

Power Input	
Output Interface	
Output Voltage	
Output Current	
Authentication	
Display	
Protocol (EVSE & Backened)	
Protocol (EVSE & EV)	
IP/IK Rating	
Operating Temperature	
Cooling Method	
Charging Cable Length	
Dimensions (H × W × D)	
Weight	
Certification	

Control Box Dispenser

DC24V
CCS2 x1
200~1000Vdc
250A rating/connector (300A max./connector)
Autocharge, app (remote start)
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OCPP 1.6j
DIN 70121, ISO 15118
IP55, IK10
-25°C~+50°C
Forced Air Cooling
7m/10m (optional)
400 x 600 x 180mm
Approx. 50kg
CE/CB, IEC61851-23:2023

Air-cooled Floor Dispenser

DC24V
CCS2 x2
200~1000Vdc
250A rating/Connector (300A max./connector)
Autocharge, app (remote start), RFID
10-inch color touch screen
OCPP 1.6j
DIN 70121, ISO 15118
IP55, IK10
-25°C~+50°C
Forced Air Cooling
5m/7m (optional)
550 x 280 x 1780mm
Approx. 130kg
CE/CB, IEC61851-23:2023

Liquid Cooled Floor Dispenser

230VAC±10%
CCS2 x1
200~1000Vdc
500A rating/connector (650A max./connector)
Autocharge, app (remote start), RFID
10-inch color touch screen
OCPP 1.6j
DIN 70121, ISO 15118
IP55, IK10
-25°C~+50°C
Liquid Cooling
4m
550 x 280 x 1780mm
Approx. 120kg
CE/CB, IEC61851-23:2023

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