POWER TECHNOLOGY
THE EV CHARGING COMPANY

POWER TECHNOLOGY SOLUTIONS / PRODUCT SPECIFICATIONS

DC Platinum Single Port 60–120 kW

A floor-standing DC fast charger for sites that want one charging connector in a modular DC Platinum cabinet.

Output range	60–120 kW, depending on configuration
DC output	150–950 V DC, up to 200 A
Vehicle connector	One CCS1 or SAE J3400 (NACS), by SKU
AC input	480 V AC, three-phase, 60 Hz
Enclosure	NEMA 3R
Display	27-inch LCD touchscreen
Mounting	Floor-standing
Communications	OCPP 1.6J, with 2.0.1 optional per OEM

Confirm specifications, connectors and options for your selected configuration with Power Technology Solutions.

POWER TECHNOLOGY
THE EV CHARGING COMPANY

DC Platinum Single Port 60–120 kW

Single-port technical specifications

DC Output Connection

Charging mode	Mode 4: CCS1/NACS/J3400
Output power	60kW - 120kW
Output voltage	150 - 950V
Output current	CCS1/NACS/J3400: 200A
Number of outputs	1*CCS1 or 1*NACS/J3400
Peak efficiency	≥96%

AC Input Connection

Earthing system	3P, PE (No neutral)
Input voltage	3-phase 480V AC+10%/-15%
Input frequency	60Hz
Power factor	≥0.99
Harmonic distortion (THDi)	≤5%

General Characteristics

Enclosure rating	NEMA 3R
Operating altitude	6561.7ft (2000m)
Operating temperature range	-31°F to +131°F (+122°F to +131°F with linear power derating) -35°C to +55°C (+50°C to +55°C with linear power derating)
Storage temperature range	-40°F to +158°F (-40°C to +70°C)
Mounting	Floor Standing
Dimensions (H×W×D)	76.8 inch × 32.3 inch × 23.6 inch(1950mm × 820mm × 600mm)
Weight	60kW: 362kg (798.07lb); 120kW: 410kg (903.90lb)
Screen type	27 inch LCD touch screen
Cable length	18ft (5.5m) or 24.6ft (7.5m)

User Interface

Status indication	LED / LCD / APP
User interface	Charging app; cloud portal
Connectivity	4G, Wi-Fi, Ethernet
Communication protocols	OCPP 1.6J (OCPP 2.0.1 optional)
User authentication	APP, RFID card, Credit card (Optional)

Software Update

OTA updates via web portal

Certification and Standards

Safety and compliance	UL 2202, UL 2231-1, UL 2231-2, CSA No.107.1-16, NEC Article 625, ISO 15118
EMC compliance	FCC 15 Class A
Warranty	24 months, warranty extension possible

* All pictures shown are for illustration purpose only. Actual product and specifications may vary due to product enhancement

DC Platinum Single Port 60–120 kW

Configuration and application notes

Cabinet drawing reference

76.8 in high × 32.3 in wide × 23.6 in deep.

Controls

Features include OCPP, Plug & Charge, 21 monitored safety parameters, remote updates and diagnostics. Display functions can include advertising, state of charge, billed amount and kWh. Payment can include app, RFID, card and mobile payment.

Source performance example

Up to 90 miles of added range in 10 minutes at up to 200 A in the source example. Actual range depends on the vehicle and charging conditions.

Specifications and hardware warranty terms vary by configuration. Confirm the selected equipment and coverage with Power Technology Solutions.