

Overview

This DC “All-in-One” - so named because the same charger chassis can be upgraded with additional power modules to support 180kW without needing a new installation - is designed for easy installation and high reliability.

This product supports sequential and simultaneous charging (split power) and offers a compact design for installation flexibility for

- auto dealers
- fleet charging
- a variety of parking applications where DC charging is needed in minimal space
- scalability for faster, lower-cost future expansion



ICE-120 DC Fast charger

Key Benefits

- 150 to 1000Vdc output voltage range supports higher voltage DC charging
- 120kW-rated output power
- Sequential and simultaneous charging (split power)
- Access control via PIN or RFID card (cards by request)
- Tempered glass touchscreen LCD display offers added durability and easier daylight readability
- Credit Card Reader + Payment by mobile app (upon request)
- Compact design for space saving power-to-footprint ratio
- OCPP 1.6 standard supports interoperability
- Customizable warranty and maintenance options - backed by an in-house team of service experts
- LTE Modem and LAN for connectivity to InControl
- TUV certification to UL 2202 to ensure safety
- 480V 3-phase input for high efficiency conversion



Optimize fleet operations and maximize savings with InCharge’s proprietary EV fleet charge management software.

Configurations

Product	Configuration	SKUs
Dual CCS1 Cables (16.4 ft)	ICE-120 CCS1 / CCS1	IDC-120-480-C1C1-AC1R
Dual CCS1 Longer Cables (25 ft)	ICE-120 CCS1 Long / CCS1 Long	IDC-120-480-C1LC1L-AC1R
Dual CCS1 Cables (16.4 ft); Payment by Mobile App enabled	ICE-120 CCS1 / CCS1, Mobile Payment App	IDC-120-480-C1C1-AC1A
Dual CCS1 Cable (16.4 ft) and CHAdeMO Cable (18 ft)	ICE-120 CCS1 / CHAdeMO	IDC-120-480-C1CH-AC1R
Dual High Current CCS1 Cables (16.4 ft)	ICE-120HC CCS1 / CCS1	IDC-120HC-480-C1C1-AC1R

Accessories



Light Bar Cable Retractor

Dimensions
(D) 3.75 in x (W) 37.4 in x (H) 13.375 in

SKU: IA-DCR



Riser

Dimensions
(D) 29.53 in x (W) 27.54 in x (H) 6 in

SKU: RMA-DP-FD

Charger Technical Specifications

- Available with dual connectors: CCS1-CCS1 or CCS1 & CHAdeMO
- Cable Length: CCS1 - 16.4ft (25ft available upon request); CHAdeMO - 18ft
- Materials and Finish: Enclosure - Hot galvanized steel; Facade - Plastic; Screen - Tempered glass
- DIN70212 and ISO15118-2 protocols supported
- Dimensions: (D x W x H) 29.5 in x 27.5 in x 68.9 in / 750mm x 700mm x 1750mm | Weight: 804lbs / 364kg

Configuration	Value
Voltage	480 Vac +/- 10%, WYE
AC Input Power Connection	3-phase: L1, L2, L3, GND
Frequency	60 Hz
Recommended Breaker	200A 3W+G circuit
SCCR	25kA
Max Current Draw	154A
Power Factor	>0.99
THD Current	< 5%
Output Parameters	Value
Voltage	150 - 1000Vdc
Current - Max	200A@300V / 200A@500V / 120A@1000V
Power - Max	120kW
System Efficiency - Max	>95%
Controls & Interface	Value
Charging Connectors	CCS1, CHAdeMO
HMI	7" TFT LCD Display
Communication	OCPP 1.6J
Network Connection	4G/5G modem; LAN 10/100M
RFID	ISO14443 Type A & S50, S70 MIFARE
Language	English (others available on request)
Environment	Value
Temperature - Operating	-4°F to 113°F/ -20°C to +45°C *(Optional: -40°F / -40°C
Temperature - Storage	-40°F to 158°F/ -40°C to 75°C
Humidity	0 - 95%
Altitude - Operating	6560ft (2000 m)
Protection - Intrusion	IP54, NEMA 3R; indoor and outdoor rated
General	Value
Certifications	UL2202, CE, EN6100-6-3, EN61851-1/-23/-24
UL/TUV	Certificate Number: CU 72301589

*Derating characteristics apply at extreme temperatures