



ICE 60-120-180kW DC Fast Chargers



Description

This InCharge Energy All-in-One DC Fast Chargers, support CCS (CHAdEMO by request), with one or two connectors. The DC All-in-Ones are designed for easy installation and high reliability. These products are easy to operate with an intuitive touchscreen display that facilitates access control, charging status and help menus. The All-In-One Charger is ideal for auto dealers, fleet charging and a variety of parking applications where high power DC charging is needed in minimal space.

Key Benefits and Features

- 150 to 1000Vdc output voltage range supports new high voltage DC charging voltages
- Up to 180kW-rated output power depending on model selection
- User-friendly control interface allows for PIN or RFID accessibility
- Tempered glass touchscreen LCD display for added durability and daylight readability
- OCPP 1.6 standard supports integration into InControl charge management software
- Supports Autocharge; Plug and Charge ready
- LTE Modem and LAN for connectivity to InControl
- Compact design for space saving power-to-footprint ratio
- TUV certification to UL 2202 to ensure safety
- 480V 3-phase input for high efficiency conversion



ICE-60/120/180
(share same housing)

Specifications

- Available with single CCS, Dual CCS1 (CCS1 & CHAdEMO by request)
- DIN70212 and ISO15118-2 protocols supported
- Materials & Finish: Enclosure - Hot galvanized steel; Facade - Plastic; Screen - Tempered glass
- Dimensions (D * W * H): 29.5" * 27.5" * 68.9" (H) / 750mm * 700mm * 1750mm
- Weight: 60: 380lbs / 172kg; 120: 472lbs / 214kg; 180: 564lbs / 256kg

Ordering Information

Options	ICE-60	ICE-120	ICE-180
ICE DC Fast charger - Dual CCS1	IDC-60-480-C1C1-AC1R	iDC-120-480-C1C1-AC1R	iDC-180-480-C1C1-AC1R
ICE DC Fast charger - CCS1 & CHAdEMO	IDC-60-480-C1CH-AC1R	iDC-180-480-C1CH-AC1R	iDC-180-480-C1CH-AC1R

GET IN TOUCH 833-772-4638

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Technical Specifications

Input Parameters	Value
Voltage	480 Vac +/- 10 %, WYE
AC Input Power Connection	3-phase: L1, L2, L3, GND
Frequency	60 Hz
Max Current Draw	60: 77A; 120: 154A; 180: 231A
Recommended breaker	60: 100A; 120:200A: 180: 300A (3W+G circuit)
Power factor	>0.99
THD - Current	< 5%
Output Parameters	Value
Voltage	150 - 1000Vdc
Current - Max	60A@1000V / 120A@1000V / 180A@1000V
Power - Max	60kW, 120kW, 180kW
System Efficiency - Max	>95%
Controls and 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 *
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
Cable Length	16.4 ft (25ft available upon request)
Safety and EMI	UL2202, CE, EN6100-6-3, EN61851-1/-23/-24

* Derating characteristics apply at extreme temperatures

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