

Overview

The Energy Star certified ICE-60 is a powerful 60kW DC Fast charger engineered to deliver efficient and reliable charging for electric vehicle fleets. It supports both sequential and simultaneous (split power) charging, enhancing its operational flexibility. The innovative chassis design helps future-proof fleet charging, as it is upgradable to 120kW or 180kW without a new installation. The compact ICE-60 is easy to install and ideal for constrained spaces.

Primary Use Cases

- Auto dealerships, for charging available inventory and for customer or public charging
- School electric bus fleets, particularly for long routes or fast midday recharge
- A variety of fleet parking applications where DC charging is needed in minimal space

Key Benefits

- Energy Star certified
- Compatible with all industry-standard connector types, including NACS
- Sequential and simultaneous (split power) charging
- Fast charging in a compact, space-saving footprint
- Access control via PIN or RFID card (cards by request)
- Credit card reader or payment by mobile app (by request)



ICE-60 Dual CCS1



Managed by



Charge Management Software (CMS)

- User-friendly, integrates with existing systems
- Maximize fleet productivity
- Minimize charging-related energy costs
- Mitigate demand charges with load management



Warranty & Maintenance Options

... backed by an in-house team of service experts

- Standard 3-year (36 month) Warranty included with every InCharge charger (covers parts; restrictions may apply)
- Customizable options to cover parts, labor, uptime SLAs, and more

Configuration	Value
Voltage	480 Vac +/- 10%, WYE
AC Input Power Connection	3-phase: L1, L2, L3, GND
Frequency	60Hz
Recommended Breaker	100A 3W+G circuit
SCCR	35kA
Max Current Draw	77A
Power Factor	>0.99
THD (Total Harmonic Distortion)	<5%
Output Parameters	Value
Voltage	150-1000Vdc
Current - Max	200A@300V / 120A@500V / 60A@1000V
Power - Max	60kW
System Efficiency - Max	>95%
Controls & Interface	Value
HMI	7in 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 upon 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 (2000m)
Protection - Intrusion	IP54, NEMA 3R; indoor and outdoor rated
Cables & Connectors	Value
Connector Types	CCS1, NACS, CHAdeMO
Connector Technology	Segmented
Cable Length	CCS1: 16.4ft (25ft available upon request) NACS: 16ft CHAdeMO: 18ft
General	Value
Materials & Finish	Enclosure - Hot galvanized steel; Facade - Plastic; Screen - Tempered glass
Supported Protocols	DIN70212 and ISO15118-2
Dimensions	(D x W x H) 29.5 in x 27.5 in x 68.9 in / 750mm x 700mm x 1750mm
Weight	708lbs / 321kg
Certifications	UL2202, CE, EN6100-6-3, EN61851-1/-23/-24
UL/TUV	Certificate Number: CU 72301589

*Derating characteristics apply at extreme temperatures

ICE-60 All-in-One

60kW DC Fast charger

Product Code	Product Configuration
I60-C1C1-R	ICE-60 CCS1 (200A, 16ft) / CCS1 (200A, 16ft)
I60-C1C1L-R	ICE-60 CCS1 (200A, 16ft) / CCS1 Long (200A, 25ft)
I60-C1LC1L-R	ICE-60 CCS1 Long (200A, 25ft) / CCS1 Long (200A, 25ft)
I60-C1C1-A	ICE-60 CCS1 (200A, 16ft) / CCS1 (200A, 16ft), EV Connect Mobile Payment App
I60-C1C1-C	ICE-60 CCS1 (200A, 16ft) / CCS1 (200A, 16ft), Credit Card Reader
I60-C1LC1L-C	ICE-60 CCS1 Long (200A, 25ft) / CCS1 Long (200A, 25ft), Credit Card Reader
I60-C1NS-R	ICE-60 CCS1 (200A, 16ft) / NACS (200A, 16ft), Credit Card Reader
I60-C1NS-C	ICE-60 CCS1 (200A, 16ft) / NACS (200A, 16ft)
I60-C1LNSL-R	ICE-60 CCS1 Long (200A, 25ft), NACS Long (200A, 25ft)
I60-NSNS-R	ICE-60 NACS (200A, 16ft), NACS (200A, 16ft)
I60-C1CH-R	ICE-60 CCS1 (200A, 16ft) / CHAdeMO (125A, 18ft)
I60-C1CH-C	ICE-60 CCS1 (200A, 16ft) / CHAdeMO (125A, 18ft), Credit Card Reader

*Please note, the variants listed are representative and may not be a comprehensive list of available options. Consult with your InCharge Energy sales representative.