

Overview

The ICE-30 is a versatile 30kW DC Fast charger designed to meet a wide range of electric vehicle fleet needs – in a small footprint. Compatible with all industry-standard connector types, including NACS, this charger ensures accessibility for most EVs. The ICE-30 is Energy Star certified and available as Buy America compliant, accommodating many funding opportunity requirements. For added convenience, dual variants of the ICE-30 offer sequential charging capabilities, allowing for efficient use of charging stations and optimizing fleet operations. With a compact footprint and options for wall mounting or use on a pedestal, the ICE-30 provides installation flexibility to suit various site requirements.

Primary Use Cases

- Auto dealerships, for charging available inventory and new vehicles for delivery
- School electric bus fleets, particularly for moderate routes or faster midday recharge than with AC chargers
- Various fleets with constrained layouts or where sequential charging optimizes operations

Key Benefits

- Available with dual cables to support sequential charging and optimize fleet operations
- Energy Star certified
- Available as Buy America compliant
- Flexible and user-friendly for vehicle charging and for fleet management, supported by InControl™ CMS
- Versatile with multiple installation options
- Offers 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)

Managed by



Charger Management & Maintenance Software (CMMS)

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



Warranty, Maintenance, & Repair Plans

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



ICE-30 Dual CCS1



ICE-30 Single CCS1

Configuration	Value
Voltage	480 Vac +/- 10%
AC Input Power Connection	3-phase: L1, L2, L3, GND
Frequency	45-65Hz
Recommended Breaker	50A - 3W+G circuit
SCCR	10kA
Max Current Draw	39A
Power Factor	>0.99
THD (Total Harmonic Distortion)	<3%
Output Parameters	Value
Voltage	150-1000Vdc
Current - Max	100A
Power - Max	30kW
System Efficiency - Max	>94.5%
Controls & Interface	Value
HMI	7in TFT LCD Display
Communication	OCPP 1.6J, OCPP 2.0.1
Network Connection	LAN 10/100M, Optional LTE wireless modem support
RFID	ISO14443 Type A & S50, S70 MIFARE
Language	English (others available upon request)
Environment	Value
Temperature - Operating	-22°F to 122°F / -30°C to +50°C * (Optional: -40°F / -40°C)
Temperature - Storage	-40°F to 158°F / -40°C to +70°C
Humidity	0 - 95%
Altitude - Operating	6560 ft (2000 m)
Protection - Intrusion	NEMA 3R/IP54/K10
Cables & Connectors	Value
Connector Types	CCS1, CCS2, NACS, CHAdeMO, GBT
Connector Technology	Segmented
Cable Length	CCS1: 16.4ft (25ft available upon request) CCS2: 16ft NACS: 16ft CHAdeMO: 18ft GBT: 20ft
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) 10.63 in x 24 in x 24 in / 270mm x 610mm x 610mm
Weight	194lbs / 88kg
Certifications	EN 61851-1-2001 / EN 61851-21-2201 / EN 61851-22-2201 / UL 2202
UL/TUV	Certificate Number: CU 72212739

*Derating characteristics apply at extreme temperatures

ICE-30

30kW DC Fast charger

Product Code	Product Configuration
I30-C1-R	ICE-30 CCS1 (125A, 16ft)
I30-C1L-R	ICE-30 CCS1 Long (125A, 25ft)
I30-C1-A	ICE-30 CCS1 (125A, 16ft), EV Connect Mobile Payment App
I30-C1-C	ICE-30 CCS1 (125A, 16ft), Credit Card Reader
I30-NS-R	ICE-30 NACS (200A, 16ft)
I30-C1C1-R	ICE-30 CCS1 (125A, 16ft) / CCS1 (125A, 16ft)
I30-C1C1L-R	ICE-30 CCS1 (125A, 16ft) / CCS1 Long (125A, 25ft)
I30-C1LC1L-R	ICE-30 CCS1 Long (125A, 25ft) / CCS1 Long (125A, 25ft)
I30-C1C1-A	ICE-30 CCS1 (125A, 16ft) / CCS1 (125A, 16ft), EV Connect Mobile Payment App
I30-C1C1-C	ICE-30 CCS1 (125A, 16ft) / CCS1 (125A, 16ft), Credit Card Reader
I30-C1NS-R	ICE-30 CCS1 (125A, 16ft) / NACS (200A, 16ft)
I30-C1NSL-R	ICE-30 CCS1 (125A, 16ft) / NACS Long (25ft)
I30-NSNS-R	ICE-30 NACS (200A, 16ft) / NACS (200A, 16ft)
I30-C1C2-R	ICE-30 CCS1 (125A, 16ft) / CCS2 (125A, 16ft)
I30-C1CH-R	ICE-30 CCS1 (125A, 16ft) / CHAdeMO (125A, 18ft)
I30-NSGB-R	ICE-30 NACS (200A, 16ft) / GB/T (125A)
I30-NSC2-R	ICE-30 NACS (200A, 16ft) / CCS2 (125A, 16ft)
I30-NSCH-R	ICE-30 NACS (200A, 16ft) / CHAdeMO (125A, 18ft)
I30-C2GB-R	ICE-30 CCS2 (125A, 16ft) / GBT (125A, 20ft)
I30-C1-R-BA	ICE-30 CCS1 (150A, 16ft), Buy America Compliant
I30-C1L-R-BA	ICE-30 CCS1 Long (150A, 25ft), Buy America Compliant
I30-C1C1-R-BA	ICE-30 CCS1 (150A, 16ft) / CCS1 (150A, 16ft), Buy America Compliant
I30-C1C1L-R-BA	ICE-30 CCS1 (150A, 16ft) / CCS1 Long (150A, 25ft), Buy America Compliant
I30-C1LC1L-R-BA	ICE-30 CCS1 Long (150A, 25ft) / CCS1 Long (150A, 25ft), Buy America Compliant

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