

ICE-30

30kW DC Fast Charger



Description

ICE-30 is a compact DCFC capable of charging with one or two connectors and supports both CCS and CHAdeMO standards. This DC Wallbox is designed for easy wall mounting or can be attached to our pedestal which includes cable management and convenience lighting. The ICE-30 is easy to operate with an intuitive touchscreen display and is ideal for auto dealers, fleet charging and a variety of parking applications where shorter charge times are necessary.

Key Benefits and Features

- 150 to 1000Vdc output voltage range
- 30kW rated output power
- User friendly control interface allows for access management via PIN or RFID accessibility
- OCPP 1.6 standard supports interoperability across back end platforms
- LTE Modem and LAN
- Compact design is easy to mount on walls or on the optional InCharge pedestal
- TUV certification to UL 2202 to ensure safety
- 480V 3-phase input for high efficiency conversion



The ICE-30 Dual CCS

Specifications

- Available with CCS1 and CHAdeMO
- DIN 70212 and ISO 15118-2 protocol supported
- Hot galvanized steel, plastic facade, and tempered glass screen construction ensures longevity
- Dimensions (D x W x H): 34.6" x 22.2" x 74.8" / 312 mm x 610mm x 650mm
- Weight: 155lbs / 70kg

Ordering Information

Configuration	SKU
ICE-30 - CJ	IDC-30-480-C1CH-WC1R
ICE-30 - CC	IDC-30-480-C1C1-WC1R

Technical Specifications

Configuration	SKU
Voltage	480Vac WYE, +/- 10 %
AC Input Power Connection	3-phase: L1, L2, L3, GND
Frequency	45-65 Hz
Recommended breaker	50A 3W+G circuit
Max Current Draw	39A
Power factor	>0.99
THD - Current	< 3%
Output Parameters	Value
Voltage	150 - 1000Vdc
Current - Max	100A
Power - Max	30kW
System Efficiency - Max	>94.5
Controls and Interface	Value
Charging Connectors	CCS1 & CHAdeMO
HMI	7" TFT LCD Display
Communication	OCPP 1.6J
Network Connection	LAN 10M/100M, Optional LTE wireless modem support
RFID	Yes
Language	English (others available on request)
Environment	Value
Temperature - Operating	-4 °F to + 158 °F * / -20 °C to +70 °C
Temperature - Storage	-40°F to + 167 °F / -40 °C to +75 °C
Humidity	95%
Altitude - Operating	6560ft (2000 m)
Protection - Intrusion	IP54/K10
General	Value
Cable Length	16.4 ft
Safety and EMI	EN 61851-1-2001/EN 61851-21-2001/EN 61851-22-2001

* Derating characteristics apply at extreme temperatures

