

ICE-22 V2X

22kW Bidirectional DC Fast Charger

Description

The ICE-22 V2X DC charger is a bidirectional 22kW charger in our product line. The ICE-22 V2X is compact and supports both CCS and CHAdeMO standards, making it a quality choice for a variety of applications. In combination with InCharge's charge management software, it allows fleets to utilize the stored energy in off-duty vehicles and potentially enable additional cost savings while supporting grid stability and greater renewable energy integration into the grid. InCharge V2X chargers may also qualify for funding with V2G-capability requirements.



ICE-22 V2X

Key Benefits and Features

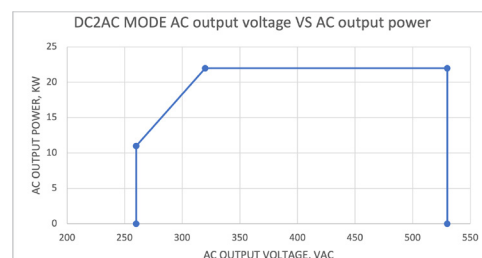
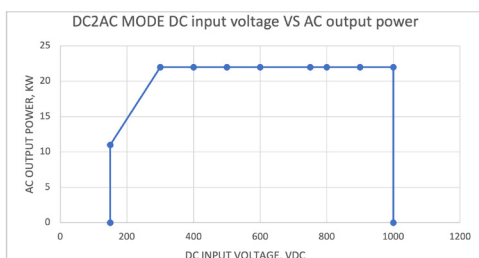
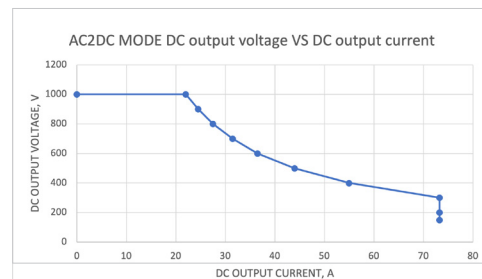
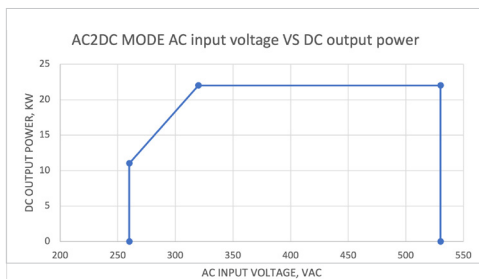
- 150 to 1000Vdc output voltage range
- 22kW-rated output power
- User-friendly control interface allows for PIN or RFID accessibility
- OCPP 1.6 standard supports interoperability across backend platforms
- Supports Autocharge; Plug and Charge ready
- LTE Modem and LAN
- Compact design is easy to mount on walls or on the optional InCharge pedestal
- 480V 3-phase input for high efficiency conversion

Specifications

- Available with dual CCS1 (CHAdeMO upon request)
- DIN70121 and SAE J2847-02 protocols supported; ISO15118-02 ready
- Dimensions: 34.6" (D) X 22.2" (W) X 74.8 x" (H) / 312 mm * 610mm * 650mm • Weight: 158.7lbs / 72kg

Ordering Information

Configuration	SKU
ICE-22 - Dual CCS1	IDC-22-480-C1C1-WC2



Technical Specifications

Configuration	SKU
Voltage	480 Vac +/- 10 %
AC Input Power Connection	3-phase: L1, L2, L3, GND
Frequency	45-65 Hz
Recommended breaker	40A
Max Current Draw	31A
Power factor	>0.99
THD - Current	< 5%
AC-to-DC Mode	Value
AC Input: Voltage and current range	400/480Vac, 3L+PE; 0 - 43A
AC Input: Voltage/frequency range	260 Vac - 530 Vac, 45Hz - 65Hz
DC Output: Rated power	22kW
DC Output: Voltage and current range	150Vdc -1000Vdc; 0 - 73.3A
DC-to-AC Mode	Value
DC Input: Voltage and output power	300 -1000Vdc: 22kW; 300 -150Vdc Linear derating to 11kW
DC Input: Max Current	73.3A
AC Output: Voltage and output power	320 - 530Vac: 22kW; 260 - 320Vac: Linear derating to 11kW
AC Output: Rated power and current	22kVA/33.3A
Islanding voltage accuracy	1% & <3% // Off Grid Only supports 400Vac
Power Factor	>0.7
Dynamic voltage stability and recovery	5% and 20mS
Controls and Interface	Value
Charging Connectors	CCS1, CHAdeMO available upon request
HMI	7" TFT LCD Display
Communication	OCPP 1.6J
Network Connection	4G & 5G Cellular, LAN 10M/100M
RFID	Yes
Environment	Value
Temperature - Operating	-4 °F (-40F with Cold weather kit) 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	IP55/K10
General	Value
Cable Length	16.4 ft
Safety and EMI	UL2202, CE, EN61000-6-3/-1 Class B ; EN 61851-1/-23/-24, UL 1741, J2847-02

* Derating characteristics apply at extreme temperatures

GET IN TOUCH 833-772-4638

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