



ICE-66 V2X

66kW Bi-Directional DC Fast Charger



Description

The ICE-66 V2X DC charger is the bidirectional wall-box in our product line. The ICE-66 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 InControl, it allows fleets to utilize the stored energy in off duty vehicles and enable new revenue streams.

Key Benefits and Features

- 150 to 1000Vdc output voltage range
- 66kW rated output power
- User friendly control interface allows for PIN or RFID access management
- OCPP 1.6 standard supports interoperability across back-end platforms
- LTE-Modem and LAN; V2X-related messages are customized to support different use cases
- Compact design is easy to mount on walls or on the optional InCharge pedestal
- 480V 3-phase input for high efficiency conversion

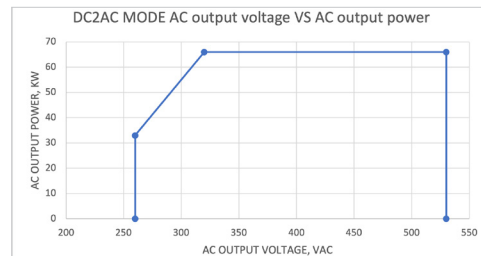
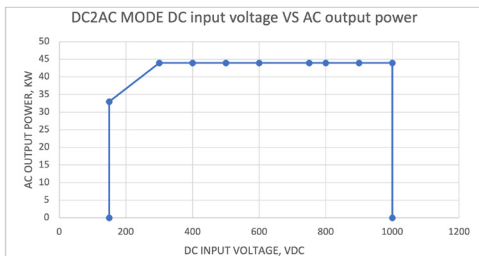
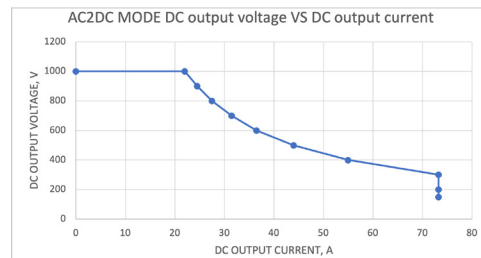
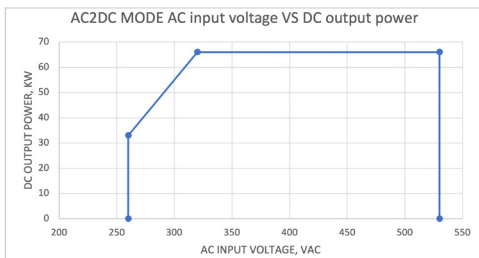
The ICE-66 Bi-Directional DC Fast Charger

Specifications

- Available with Dual-CCS1
- Communication Protocols supported are DIN 70121, ISO 15118, CHAdeMO and DC-to-AC J2847-2 for CCS-1 (requires compatible vehicle)
- Dimensions: 9.4" (D) x 27.7" (W) x 39" (H) / 240 mm x 705mm x 1000 mm
- Weight: 214lbs / 97kg

Ordering Information

Configuration	SKU
ICE-66 CC V2X Dual CCS1	IDC-66-480-C1C1-WC2R



Technical Specifications

Configuration	SKU
Voltage	480 Vac +/- 10 %
AC Input Power Connection	3-phase: L1, L2, L3, GND
Frequency	45-65 Hz
Recommended breaker	120A
Max Current Draw	92A
Power factor	>0.99
THD - Current	< 5%
AC-to-DC Mode	Value
AC Input: Voltage and current range	400/480Vac, 3L+PE;0-43A
DC Output: Rated power	66kW
DC Output: Voltage and current range	150Vdc-1000Vdc; 219A
DC-to-AC Mode	Value
DC Input: Voltage and output power	300-1000Vdc: 66kW; 300-150Vdc Linear derating to 33kW
DC Input: Max Current	219A
AC Output: Voltage and output power	320-530Vac: 66kW; 260-320Vac: Linear derating to 33kW
AC Output: Rated power and current	66kVA/99.9A
Islanding voltage accuracy	1% & <3%
Power Factor	>0.7
Dynamic voltage stability and recovery	5% and 20mS
Controls and Interface	Value
Charging Connectors	CCS-1, CHAdeMO available upon request
HMI	7" TFT LCD Display
Communication	OCPP 1.6J
Network Connection	4G Cellular, LAN 10Mbit/100Mbps
RFID	Yes
Environment	Value
Temperature - Operating	-4°F (-40°F with Cold weather kit) to + 158 °F * / -40°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

