

Overview

The ICE-60 Wallbox 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 ICE-60 Wallbox is Energy Star certified and available as Buy America compliant, accommodating many funding opportunity requirements. With a compact footprint and options for wall mounting or use on a pedestal, this charger provides installation flexibility to suit various site requirements.

Primary Use Cases

- Inventory and public charging at auto dealerships
- School bus fleets with long routes or short dwell times
- A variety of fleet parking applications where DC charging is needed in minimal space

Key Benefits

- Energy Star certified
- Available as Buy America compliant
- Sequential and simultaneous (split power) charging
- Fast charging in a compact, space-saving footprint
- Versatile with multiple installation options
- Access control via PIN or RFID card (cards by request)
- Credit card reader & payment by mobile app (by request)

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, & more



ICE-60 Wallbox Dual CCS1



Configuration	Value
Voltage	480/277 Vac +/- 10%
AC Input Power Connection	3-phase: L1, L2, L3, PE
Frequency	60Hz
Recommended Breaker	100A 3W+G circuit
SCCR	4.9kA
Max Current Draw	77A
Power Factor	≥0.99
THD (Total Harmonic Distortion)	<5%
Output Parameters	Value
Voltage	150-1000Vdc
Current - Max	200A
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	-13°F to 122°F / -25°C to 50°C*
Temperature - Storage	-40°F to 158°F / -40°C to 75°C
Humidity	0 – 95%
Altitude - Operating	6560ft (2000m)
Protection - Intrusion	IP55, IK10 (Cabinet), IK08 (LCD)
Cables & Connectors	Value
Connector Types	CCS1, NACS, CHAdeMO
Connector Technology	Segmented
Cable Length	CCS1: 16.4ft (25ft available upon request)
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) 9.45in x 27.75in x 43.31in / 240mm x 705mm x 1100mm
Weight	202.8lbs (Power module weight: 34.17lbs) / 92kg (Power module weight: 15.5kg)
Certifications	UL/TUV: 2202, 2231-1,2231-2

*Derating characteristics apply at extreme temperatures

ICE-60 Wallbox

60kW DC Fast charger

Product Code	Product Configuration
I60W-C1C1-R	ICE-60 DC Wallbox CCS1 (200A, 16ft) / CCS1 (200A, 16ft)
I60W-C1LC1L-R	ICE-60 DC Wallbox CCS1 (200A, 16ft) / CCS1 (200A, 16ft), Buy America Compliant
I60W-C1C1-A	ICE-60 DC Wallbox CCS1 (200A, 16ft) / CCS1 (200A, 16ft), EV Connect Mobile Payment App
I60W-C1C1-R-BA	ICE-60 DC Wallbox CCS1 (200A, 16ft) / CCS1 (200A, 16ft), Buy America compliant
I60W-C1C1L-R-BA	ICE-60 DC Wallbox CCS1 (200A, 16ft) / CCS1 Long (200A, 25ft), Buy America Compliant
I60W-C1LC1L-R-BA	ICE-60 DC Wallbox CCS1 Long (200A, 25ft) / CCS1 Long (200A, 25ft), Buy America Compliant
I60W-C1LC1L-A-BA	ICE-60 DC Wallbox CCS1 Long (200A, 25ft) / CCS1 Long (200A, 25ft), Buy America Compliant, EV Connect Mobile Payment App

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