

### Overview

This Energy Star-certified Level 2 80A AC charger is one of the only options in the U.S. able to simultaneously charge two EVs at maximum output of 19.2kW. This versatile charger, with its enhanced powerline communication capabilities, options for wall mounting or use on a pedestal, and longer 25' cables, provides a durable, cost-effective solution by reducing installation and operating costs. The charger is available in a Buy America-compliant variant to support grant eligibility and may also be used for public charging with a credit card reader or mobile app payment.

### Primary Use Cases

- School bus or other fleets beginning to electrify on a budget
- Last-mile delivery fleets with vehicles that can charge overnight
- Depot fleets with 80A capability and preference for AC charging
- Fleets with variously placed vehicle charge ports
- Public charging locations with credit card or app payment option, including those with CTEP (California Type Evaluation Program)- or NTEP (National)-certification requirements

### Key Benefits

- Energy Star certified
- Available as Buy America compliant
- Maximizes use of available space and charging power with simultaneous max output charging
- Flexible, versatile and cost-effective installation options
- Reliable and durable rugged metal enclosure built to last outdoors
- Access control via PIN or RFID card (cards by request)
- Plug & Charge and AutoCharge ready
- Credit card reader or 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 2-year (24 month) Warranty included with every InCharge charger (covers parts; restrictions may apply)
- Customizable options to cover parts, labor, uptime SLAs, and more



ICE Dual 80A charger



Configuration	Value
Voltage	208-240Vac 60Hz
AC Input Power Connection	L1, L2, GND
Frequency	60 Hz
Recommended Breaker	100A x2
SCCR	5000 RMS symmetrical Amps, 240Vac
Max Current Draw	80A on each output
THD Current	Complies with UL 2231-2, Section 24.2
Output Parameters	Value
Voltage	208-420Vac
Current - Max	80A
Power - Max	19.2kW (on each SAE J1772 connector)
System Efficiency - Max	>98%
Controls & Interface	Value
HMI	LCD Display
Communication	OCPP 1.6J (OCPP 2.0 Upgradeable)
Network Connection	Ethernet, Wi-Fi, LTE
RFID	ISO14443 Type A & S50, S70 MIFARE
Language	English
Environment	Value
Temperature - Operating	-22°F to 122°F/ -30°C to 50°C
Temperature - Storage	-40°F to 140°F/ -40°C to 60°C
Altitude - Operating	9840ft (3000 m)
Protection - Intrusion	NEMA 3R (IP66)
Cables & Connectors	Value
Connector Types	Dual SAE J1772
Connector Technology	Hyperboloid
Cable Length	25ft
General	Value
Materials & Finish	Stainless steel, powder coated
Supported Protocols	ISO15118-2
Dimensions	(D x W x H) 5.23 in x 15.625 in x 22.5 in / 133mm x 397mm x 572mm
Weight	65lbs (with cables) / 29.5kg
Certifications	Energy Star
UL/TUV	UL 2594, UL 2231-1, UL 2231-2, UL 1998

# ICE Dual 80A

## 19.2kW AC charger

Product Code	Product Configuration
Z80-T1T1-R	ICE Dual 80AC, Dual SAE J1772 (80A, 25ft)
Z80-T1T1-A	ICE Dual 80AC, Dual SAE J1772 (80A, 25ft), EV Connect Mobile Payment App
Z80-T1T1-R-BA	ICE Dual 80AC, Dual SAE J1772 (80A, 25ft), Buy America compliant
Z80-T1T1-A-BA	ICE Dual 80AC, Dual SAE J1772 (80A, 25ft), Credit Card Reader, 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.