icapia

Elevate your charging infrastructure with our Commercial Dual-Gun Charging Station, a powerful solution designed for public and private parking lots. This 240V unit boasts a dual-guns design, enabling it to deliver an impressive output of 38.4kW or 19.2kW per charging gun, allowing simultaneous charging of up to two electric vehicles.

AC Commercial EV Station

i8080 38KW

System Specifications

Interface display: display prompt information, user IC card information, support scanning QR code

RFID card identification: support RFID card operation, convenient and fast charging operation

Rich network interfaces: support Ethernet (RJ-45 interface), WiFi (2.4GHz), RS-485, Cellular and other networking methods

Reliable security monitoring: Support Surge protection, over temperature, over/under voltage, over current, ground, leakage protection, PEN.

This series of AC charging pile is an electric vehicle charging product designed for modern electric vehicles to meet the market demand.

It is a friendly human-computer interface with corresponding control, billing, communication and other functions, and belongs to the special AC power supply device for electric vehicles. It is widely used for charging all kinds of household electric vehicles, as well as various charging stations, parking lots, community garages and public electric vehicle charging places.
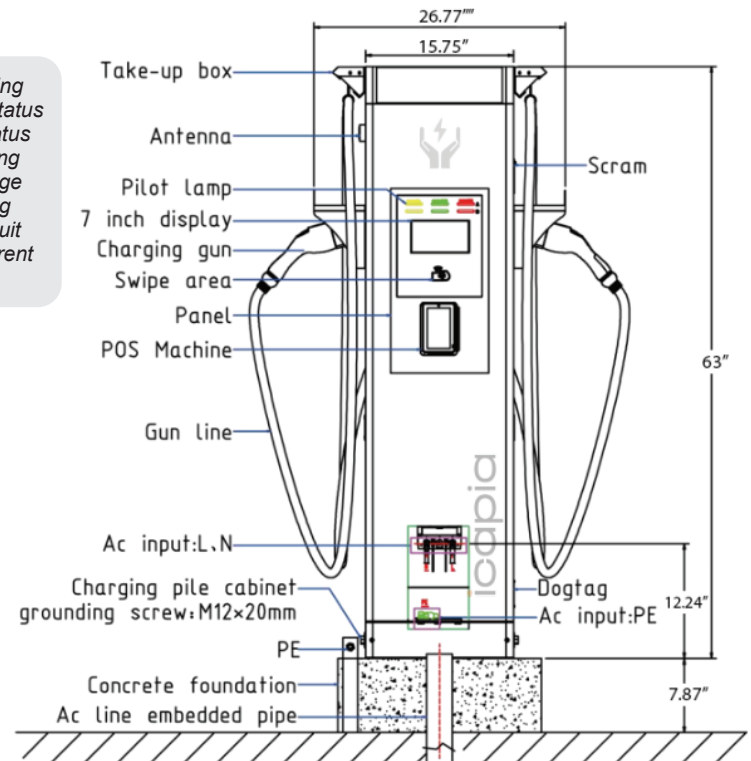
ENERGY STAR

FC

c ETL us
INTERTEK

TECHNICAL SPECIFICATIONS

I8080 Dual Port Floor Standing AC EV Charging Station
Connector Types: NMAC | J1772
Authentication and Payment:
RFID: ISO 15693, ISO 14443, NEMA EVSE 1.2-2015 (UR)c
NFC (tap to charge)
Remote: Mobile app
Contactless credit card
EMV chip card

Meet SAE 1772 and IEC 62196-3 standards
IEC 61851
PLC way,Conform to DIN70121/ISO15118 Standard, disposition OCPP1.6 agreement
Ethernet, 4G (Selectable), Wifi

Dimensions (W*D*H): 15.75"   13.46"   63"
Weight: Approx. 154.32lbs
Installation Type: Floor
Cooling: Air Cooling
Rate Output Power: 38KW
Single Gun output current: 0-80A
Single Gun output power: 0-19KW
Operating Temperature: -30℃ to 50℃ (50℃ to 70℃ Derated output)
Altitude: ≤2000 m (Full load output)

Advanced monitoring features: operation status monitoring, fault status monitoring, charging metering and linkage control of charging process, short circuit protection, over-current protection, etc.

Plug & Play Charging
After the charging gun is inserted into the electric vehicle, it automatically starts charging. If you need to stop charging, click the stop symbol on the screen.

Charging by Card
Use RFID card to start or stop charging.

Charging via Mobile App
Use icapia app to scan the QR code to start or stop charging, if the management system works under this function, you can use the APP to book or use the APP to pay.

All 80A EV Stations require a network service plan for each port.

SAFETY & CONNECTIVITY FEATURES

Ground Fault Detection:	20 mA CCID with auto retry
Open Safety Ground Detection:	Continuously monitors presence of safety (green wire) ground connection
Plug-Out Detection:	Power terminated per SAE J1772 specifications
Energy Measurement:	Meter accuracy 1%
	Accuracy Call 2.0
	Acceptance tolerance 1%
Power Report/Store Interval:	15-minute interval aligned to hour. Responsive to load management singals
Local Area Network:	Wi-Fi 2.4 Ghz and 5GHz (802.11 a/n/nb/g)
Wide Area Network:	LTE Category 4
Network communication Protocol:	OCPP 2.0.2
Ethernet connection:	Available with accessory

Dual Port | Floor Standing | 38kW