# iocharger

# Ultra Super Fast Charging Station

## Key Features

**Modular design ensures high availability**
240kW, 300kW, 360kW, 420kW

**Simultaneous charge to up to 2 EVs or E-buses**
Dual CCS-2

**Dynamic load distribution**
Adjustable operating current & Power

**OCPP Compatibility**
OCPP 1.6J support for easy back office integration

**Secure User Identification**
Via RFID or Mobile App or Payment Terminal

## Benefits

- Easy configuration for any charging network
- POS payment integrated
- OCPP 1.6J, OCPP 2.0.1
- Advanced cable management system
- ISO15118 Plug&Charge
- OCPP Smart Charging
- Smart Load Balancing

800mm

940mm

2089mm

- Without cable management system

Plug & Charge

OPEN CHARGE POINT INTERFACE

OPEN CHARGE ALLIANCE

OCPP 2.0.1 CORE CERTIFIED

POS Payment Integrated

# Specification

| Model/PN | IOC240LY2 | IOC300LY2 | IOC360LY2 | IOC420LY2 |
|---|---|---|---|---|
| Input Rating | 400V±15% AC | | | |
| Power Factor | ≥0.99 | | | |
| Efficiency | ≥94% | | | |
| Power Output | 240kW | 300kW | 360kW | 420kW |
| Output Voltage | 150-1000V DC | | | |
| Output Current | 375A MAX Per Connector | | | |
| Electrical Protection | Over current, Short circuit, Over voltage, Under voltage, Ground fault, Lightning Surge, Over temperature | | | |
| Display | 21.5" CTP Touch Screen, IK08 | | | |
| Supporting Language | English, Spannish, or other required local language | | | |
| User Authentication | RFID card reader, user name & password, mobile No. & pin code | | | |
| Payment Terminal(Optional) | Payter, Nayax , PAX | | | |
| Push Buttons | Emergency stop | | | |
| Charge Options | Charge by duration, by energy, by amount | | | |
| Operating Temperature | (-30℃ to +55℃) in operation, (-40℃ to +75℃) in storage | | | |
| Working Humidity | 95% relative humidity, non-condensing | | | |
| Altitude | Up to 6000 feet (2000 m) | | | |
| Ingress Protection | IP55, IK10 | | | |
| Cooling | Forced air | | | |
| Charging Cable Length | 16.4 ft (5 m), straight cable | | | |
| Dimension (H x W x D, mm) | 2089x800x940 (Without CMS), 2374x1050x940 (With CMS) | | | |
| Net Weight | TBD | | | |
| Network Interface | Ethernet, 4G | | | |
| Protocol | OCPP 1.6J, OCPP 2.0.1, ISO15118 | | | |
| Web Portal & Mobile App | Yes, iOS/Android | | | |
| Certifications | CE, IEC/EN 61851-1, IEC/EN 61851-23, IEC/EN 61851-21-2 | | | |

# Applications

| Commercial | Parking | Fleet | Gas Station | CPO |
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