

DC Fast Charging Station

Key Features

Modular design ensures high availability
60kW, 90kW, 120kW, 150kW, 180kW

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
- ISO15118 Plug&Charge
- OCPP Smart Charging
- Smart Load Balancing



POS Payment Integrated



Specification

Specifications are subject to change without notice.

| Model/PN | IOC060JY2 | IOC090JY2 | IOC120JY2 | IOC150JY2 | IOC180JY2 |
|--------------------------------|---|-----------|-----------|------------------|-----------|
| Input Rating | 400V±15% AC | | | | |
| Power Factor | ≥0.99 | | | | |
| Efficiency | ≥94% | | | | |
| Power Output | 60kW | 90kW | 120kW | 150kW | 180kW |
| Output Voltage | 150-1000V DC | | | | |
| Output Current (Per Connector) | 100A MAX | 150A MAX | 200A MAX | 250A MAX | 250A MAX |
| Electrical Protection | Over current, Short circuit, Over voltage, Under voltage, Ground fault, Lightning Surge, Over temperature | | | | |
| Display | 8" TFT touch screen, IK08 | | | | |
| Supporting Language | English, Spanish, or other required local language | | | | |
| User Authentication | RFID card reader, user name & password, mobile No. & pin code | | | | |
| Payment Terminal | Payter, Nayax, PAX, Payten, ingenico, New Land (Optional) | | | | |
| Push Button | Emergency stop | | | | |
| Charge Options | Charge by duration, by energy, by amount | | | | |
| Operating Temperature | (-30°C to +55°C) in operation, (-40°C to +75°C) 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) | 1816 x 1007 x 640 | | | 1870 x 806 x 700 | |
| Net Weight | 250Kg | 290Kg | 310Kg | 365Kg | 430Kg |
| 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