

# 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)	200A MAX	200A 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