

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



Without cable management system



POS Payment Integrated

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)	2200x800x940 (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