

OCULAR

IQ Dual Commercial



MAIN FEATURES

Unique Design

7" LCD touch display for excellent clarity & LED indicator

Powerful Charging Capability

Multiphase - 7/22kW Single and 3-Phase

Current Leakage Protections

Type A & 6mA DC

Indoor and Outdoor Rated

RFID & Mobile App Identification

User Authentication via RFID or Mobile App

✓ Easy configuration to any charging network

✓ OCPP 1.6J, OCPP 2.0.1

✓ OCPP Smart Charging

✓ Smart Load Balancing



SPECIFICATION

Model Number	IOCAW31-22kW (Multi-phase)	
Power		
Power Output	7kW (1-Phase) per port	22kW (3-Phase) per port
EV Charging Connector	Type-2 Socket	
Input and Output Voltage	230V ± 20%	400V ± 20%
Input and Output Current	32A max per phase per port	
Frequency (Hz)	50/60Hz	
User Interaction		
Display	7" LCD Touch Screen + LED indication lights	
Charger Control Method	Mobile app, physical button, RFID (ISO14443), plug and charge	
Safety		
Internal RCD	30mA AC & 6mA DC leakage protection	
Electrical Protection	Over current, Short circuit, Over voltage, Under voltage, Ground fault, Lightning surge, Over temperature	
Communication		
OCPP	1.6J and 2.0.1 (Firmware upgrade required)	
Internet Connection	Ethernet, Wi-Fi, 4G (Nano size sim)	
Communication Type	Modbus (TCP/IP)	
Energy Meter	2 x MID Meter, Optional NMI Pattern Approved	
Load Control	Compatible with Ocular Load Controller or OCPP smart profiles	
General Data		
Ambient Air Temperature for Operation	-30°C to +50°C in operation	
Ambient Air Temperature for Storage	-40°C to +70°C in storage	
Working Humidity	5% - 95% relative humidity, non-condensing	
Material	Powder Coated Stainless Steel	
Protection Rating	IP55, IK10	
Mounting	Wall Mount	
Dimension (H x W x D, mm)	550 x 320 x 177 mm	
Net Weight	18.5 kg	
Certification	CE, IEC /EN 61851-1, IEC/EN 61851-21-2, IEC 62196-2, RCM	
Warranty	2 Years (Extended warranties available)	

