OCULAR

IQ Wallbox



Fast, sustainable and compatible with every EV in Australia. The Ocular IQ Wallbox is an intelligent solution across homes, apartments, fleets, destinations, and light commercial applications. With OCPP integration, the charger can be connected to any charging management system for easy billing, monitoring, and support.

MAIN FEATURES

Unique Design
The 4.3” touch screen display gives instant feedback on the charging status

Load Management
Compatible with the Ocular Load Controller

OCPP Compatibility
OCPP 1.6J and 2.0.1 support for integration with a charger management system

Different Models
1-phase (7kW) & 3-phase (22kW) models available with either a socket or a tethered 5 meter cable with Type 2 connector

- Easy configuration to any charging network
- OCPP 1.6J and 2.0.1 compatible
- Indoor and Outdoor Rated
- Stay in the know with a touch screen display



Version 3.3 - *26NOV2026*

SPECIFICATION				
Model Number	IOCAH39-7S	IOCAH39-7T	IOCAH39-22S	IOCAH39-22T
Power				
Power Output	7.2kW (1-Phase)		22kW (3-Phase)	
EV Charging Connector	Type-2 Socket	5m Type-2 Cable	Type-2 Socket	5m Type-2 Cable
Input and Output Voltage	230V ± 20%		400V ± 20%	
Input and Output Current	32A max per phase			
Recommended Circuit Breaker	40A type A RCBO			
Frequency (Hz)	50/60Hz			
User Interaction				
Display	4.3" Touch Screen + LED indication lights			
RFID Reader	ISO14443 Type A cards compatible			
Charger Control Method	Mobile app, RFID, plug and charge			
Safety				
Internal RCD	Type A & 6mA DC			
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, WiFi, 4G (optional)			
Communication Type	Modbus (TCP/IP)			
Energy Meter	MID Meter			
Load Control	Compatible with Ocular Load Controller or OCPP smart profiles			
General Data				
Ambient Air Temperature for Operation	-30°C to +50°C			
Ambient Air Temperature for Storage	-40°C to +70°C			
Working Humidity	5% - 95% relative humidity, non-condensing			
Protection Rating	IP55, IK10			
Mounting	Wall Mount / Pole Mount			
Dimension (H x W x D, mm)	500 x 283 x 243 mm			
Net Weight	4 kg	5.5 kg	4.5 kg	7 kg
Certification	CE, EN IEC61851-1, EN IEC61851-21-2, IEC61008-1, IEC62955			
Warranty	2 Years (Extended warranties available)			

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OPEN CHARGE ALLIANCE

OPEN CHARGE POINT INTERFACE

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