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 2.8" LCD display gives instant feedback on the charging status

Load Management
Compatible with the Ocular Load Controller

Multiple Charging Standard Compliant
Type-1 connector, Type-2 connector or Type-2 socket

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

IOCAH13-7S / IOCAH13-7T
IOCAH13-22S / IOCAH13-22T

✓ Easy configuration to any charging network

✓ OCPP 1.6J and 2.0.1 compatible

✓ Indoor and Outdoor Rated

✓ Stay in the know with an LCD screen

Version 2.2

SPECIFICATION				
Model Number	IOCAH13-7S	IOCAH13-7T	IOCAH13-22S	IOCAH13-22T
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	2.8" LCD Screen + LED indication lights			
RFID Reader	ISO14443 Type A cards compatible			
Charger Control Method	Mobile App, physical button, RFID, plug and charge			
Safety				
Internal RCD	30mA AC & 6mA DC Leakage			
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			
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			
IP Performance	IP55			
Mounting	Wall Mount/Pole Mount			
Dimension (H x W x D, mm)	380 x 288 x160 mm			
Net Weight	4.3 kg	7.8 kg	5.4 kg	8.1 kg
Certification	CE, IEC /EN 61851-1, IEC 61008-1-A1, IEC 62955-1-A1, IEC/EN 61851-21-2, IEC 62196-2, RCM			
Warranty	2 Years (Extended warranties available)			