OCULAR

IQ Commercial

The Ocular IQ Commercial is a durable and full featured AC charging point designed to withstand Australian conditions while charging every EV on the Market. With OCPP compatibility, the charger can be connected to any charging management system for easy operation, monitoring, and maintenance. The system is designed to be modular, meaning that maintenance is easy and ensures the charging station will remain operational for years to come.

MAIN FEATURES

Unique Design
7" LCD display for excellent clarity and LED indicator

Flexible output current
Charger can be configured to meet site requirements

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

OCPP Compatibility
OCPP1.6J, 2.0 support for easy back office intergration

2 different Models
1-phase 7kW & 3-phase 22kW available

IOCAW05C-7S / IOCAW05C-7T
IOCAW05C-22S / IOCAW05C-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	IOCAW05C-7S	IOCAW05C-7T	IOCAW05C-22S	IOCAW05C-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	7" 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	63A Type-B RCD			
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, Optional 4G			
Communication Type	Modbus (TCP/IP)			
Energy Meter	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			
Ambient Air Temperature for Storage	-40°C to +70°C			
Working Humidity	5% - 95% relative humidity, non-condensing			
IP Performance	IP54			
Mounting	Wall Mount/Pole Mount			
Dimension (H x W x D, mm)	380 x 288 x 141 mm			
Net Weight	10 kg	12.4 kg	11.2 kg	13.8 kg
Certification	CE, IEC /EN 61851-1, IEC/EN 61851-21-2, IEC 62196-2, RCM			
Warranty	2 Years (Extended warranties available)			