

# 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 & 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, 2.0.1 support for easy back office integration

#### 2 different Models

1-phase 7kW & 3-phase 22kW available



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



## SPECIFICATION

Model Number	IOCAW34-7S	IOCAW34-7T	IOCAW34-22S	IOCAW34-22T
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	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, Optional 4G (Nano size sim)			
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 in operation			
Ambient Air Temperature for Storage	-40°C to +70°C in storage			
Working Humidity	5% - 95% relative humidity, non-condensing			
Protection Rating	IP55, IK10			
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)			

