



OCULAR

Ocular IQ Wallbox



IOCAH10R-7S / IOCAH10R-7T
IOCAH10R-22S / IOCAH10R-22T

Easy configuration to any charging network

OCA & OCPI official member

OCPP 1.6J, 2.0

Indoor and Outdoor Rated

Stay in the know with a LCD screen



apartments



fleet



parking

Fast, sustainable and compatible with every EV in Australia. Meet the Ocular IQ Wallbox. The Ocular IQ Wallbox is an intelligent solution across homes, apartments, fleets, destinations, and light commercial applications.

Main Features

Unique Design

2.8" LCD display for excellent clarity and LED indicator

Flexible output current

Output current adjustment via back office

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 integration

2 different Models

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

Specification

| Model | IOCAH10R-7S / IOCAH10R-7T | IOCAH10R-22S / IOCAH10R-22T |
|----------------------------------|--|---|
| Input Voltage & Current | 230V±20%, 32A / phase | 230V±20%, 32A / phase |
| Frequency (Hz) | 50/60Hz | 50/60Hz |
| Charging Connector | Type-2 socket/ Tethered cable | Type-2 socket/ Tethered cable |
| Power Output | 7.2kW | 22kW |
| Output Voltage | 230V ± 20% | 400V ± 20% |
| Output Current | 32A MAX | 32A MAX |
| Display | 2.8" LCD screen | 2.8" LCD screen |
| User Authentication | RFID Card, Mobile App, Remote Access | RFID Card, Mobile App, Remote Access |
| Operating Temperature | -30°C to +55°C in operation | -30°C to +55°C in operation |
| Storage Temperature | -40°C to +75°C in storage | -40°C to +75°C in storage |
| Working Humidity | 95% relative humidity, non-condensing | 95% relative humidity, non-condensing |
| Internal RCD | 30mA AC & 6mA DC | 30mA AC & 6mA DC |
| IP Performance | IP54 | IP54 |
| Meter | Meter IC or MID Meter | Meter IC or MID Meter |
| Internet connection | Ethernet + Wi-Fi | Ethernet + Wi-Fi |
| Mounting | Wall-Mount/ Pole-Mount | Wall-Mount/ Pole-Mount |
| Charging Cable Length | Tethered model only - 5m | Tethered model only - 5m |
| Dimension (H x W x D, mm) | 380 x 288 x 160 mm | 380 x 288 x 160 mm |
| Net Weight | 5.3 kg (socket type) 7.8 kg (tethered) | 5.4 kg (socket type) 8.1 kg (tethered) |
| Recommended circuit breaker | 40A single phase type A RCBO | 40A three phase type A RCBO |
| Recommended cable size (50m run) | 10mm ² 2C+E | 10mm ² 4C+E |
| Certificate | CE, IEC /EN 61851-1, IEC/EN 61851-23, IEC/EN 61851-21-2, RCM | CE, IEC /EN 61851-1, IEC/EN 61851-23, IEC/EN 61851-21-2, RCM |
| Warranty | 2 years | 2 years |
| Electrical Protection | Over current, Short circuit, Over voltage, Under voltage, Ground fault, Surge protection, Over temperature | Over current, Short circuit, Over voltage, Under voltage, Ground fault, Lightning Surge, Over temperature |