

OCULAR



IQ Mini

7kW / 22kW

Version 1.0

Made for where you live.

Fast. Safe. Reliable.

The IQ Mini is the perfect EV charging solution for modern apartment and multi-occupant residences.

Designed to be compact, safe, and easy to use, it offers all the features needed to monitor, track, and reimburse energy use - making at-home EV charging accessible for everyone.



IQ MINI FEATURES

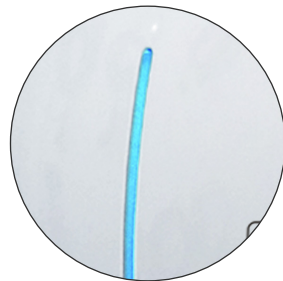
CHOOSE A CHARGER TO SUIT YOUR NEEDS

- 7kW or 22kW
- 5m tethered cable or universal socket
- Black or white face plate

RFID reader



Status
lighting



Control button



- OCPP 1.6J, 2.0.1 compatible for smart features and load management
- IP55, IK10 rated to withstand Australian weather conditions
- RFID access control for secure user identification & usage tracking
- Wall or pole mountable
- Compatible with all Type 2 EVs in Australia & New Zealand
- Compact size for flexibility

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IQ MINI

DATASHEET

Model Number	IOCAH30-7TE-CRW4-M	IOCAH30-22TE-CRW4-M	IOCAH30-7SE-CRW4-M	IOCAH30-22SE-CRW4-M
Power				
Power Output	7.2kW (1-Phase)	22kW (3-Phase)	7.2kW (1-Phase)	22kW (3-Phase)
EV Charging Connector	5m Type-2 Cable		Type-2 Socket	
Input and Output Voltage	230V ± 20%	400V ± 20%	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	LED indication lights			
RFID Reader	ISO14443 Type A cards compatible			
Charger Control Method	Mobile App, physical button, RFID, start on plug			
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, 4G			
Additional Communication Type	Modbus (TCP/IP)			
Energy Meter	Integrated Meter			
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			
IP Performance	IP55, IK10			
Mounting	Wall Mount			
Dimension (H x W x D, mm)	398 * 285 * 226 mm			
Net Weight	4.5 kg	4.7 kg	1.5kg	1.7kg
Certification	CE, IEC /EN 61851-1, IEC 61008-1-A1, IEC 62955-1-A, IEC/EN 61851-21-2, IEC 62196-2, RCM			
Warranty	2 Years (Extended warranties available)			

POWERING THE JOURNEYS OF BUSINESSES AND PARTNERS






OCULAR

Charging ahead, powering tomorrow.



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