

OCULAR

IQ Solar

Fast, sustainable and compatible with every EV in Australia. Meet the Ocular IQ Solar. The Ocular IQ Solar is an intelligent solution to utilise your home solar system. Use all the power you produce instead of exporting to the grid.

MAIN FEATURES

Unique Design

The 2.8" LCD display gives instant feedback on the charging status

Flexible output current

Output current can be permanently adjusted during set up, or temporary adjusted through the Smart Home App

Current Transformers Included

Monitor excess solar energy production and automatic household load balancing

Ocular Smart Home App

Comes with a free home OCPP app to fully manage your solar charger

A charger to suit every home

1-phase (7kW) & 3-phase (22kW) models available with either a socket or a tethered 5 meter cable with Type 2 connector



IOCAW13-7S-SOLAR/ IOCAW13-7T-SOLAR
IOCAW13-22S- SOLAR/ IOCAW13-22T-SOLAR



OCPP 1.6 and 2.0.1 compatible



Direct Load Control



Ocular Smart Home App



Indoor and Outdoor Rated



Stay in the know with an LCD screen



SPECIFICATION

Model Number	IOCAW13-7S	IOCAW13-7T	IOCAW13-22S	IOCAW13-22T
Power Output	7.2kW (1- Phase)		22kW (3- Phase)	
Charging Connector	Type-2 Socket	5m Type-2 Cable	Type-2 Socket	5m Type-2 Cable
Display	2.8" LCD Screen + LED indication lights			
Current Transformers Included	1		3	
Current Transformer Specifications	20m cable, Fits 16mm diameter cable up to 100A max current			
Input Voltage & Current	230V± 20%, 32A per phase			
Frequency (Hz)	50/60Hz			
Output Voltage	230V ± 20%		400V ± 20%	
Output Current	32A MAX per phase			
User Interaction	Mobile App, Physical button, RFID			
Operating Temperature	-30°C to +55°C in operation			
Storage Temperature	-40°C to +75°C in storage			
Working Humidity	5% - 95% relative humidity, non-condensing			
IP Performance	IP55			
Internal RCD	30mA AC & 6mA DC Leakage			
Electrical Protection	Over current, Short circuit, Over voltage, Under voltage, Ground fault, Lightning surge, Over temperature			
Energy Meter	MID Meter			
Internet Connection	Ethernet, Wi-Fi			
Mounting	Wall Mount / Pole Mount			
Dimension (H x W x D, mm)	380 x 288 x 160 mm			
Net Weight	4.3 kg	7.8 kg	5.4 kg	8.1 kg
Recommended Cable Size (50m run)	10mm ² 2C+E		10mm ² 4C+E	
Recommended Circuit Breaker	40A single phase type A RCBO			
Certification	CE, IEC /EN 61851-1, IEC 61008-1-A1, IEC 62955-1-A1, IEC/EN 61851-21-2, RCM			
Warranty	2 years			

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