

OCULAR

IQ Home

Welcome to the future of charging with the IQ Home, our compact, solar charging solution is designed to meet the needs of modern electric vehicle owners, offering versatility, efficiency, and convenience at their doorstep.

MAIN FEATURES

Unique Design

Compact design with LED status indicator

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



IOCAH15-7T / IOCAH15-22T



OCPP 1.6, 2.0.1 compatible



5 meter cable with Type-2 connector



Schedule charging sessions



Advanced solar capability



Monitor, track & analyse charging activity



SPECIFICATION

Model Number	IOCAH15-7T	IOCAH15-22T
Input Voltage & Current	230V± 20%, 32A per phase	
Frequency (Hz)	50/60Hz	
Charging Connector	IEC62196 Type-2 5m cable	
Current Transformers Included	1	3
Current Transformer Specifications	20m cable, Fits 16mm diameter cable up to 100A max current	
Power Output	7.2kW (1- Phase)	22kW (3- Phase)
Output Voltage	230V ± 20%	400V ± 20%
Output Current	32A MAX per phase	
User Interaction	Mobile App, Physical button	
Ocpp Compatibility	1.6J and 2.0.1 (firmware upgrade)	
Operating Temperature	-30°C to +50°C in operation	
Storage Temperature	-40°C to +70°C in storage	
Working Humidity	5% - 95% relative humidity, non-condensing	
IP Rating	IP55	
Internal RCD	30mA AC & 6mA DC	
Electrical Protection	Over current, Short circuit, Over voltage, Under voltage, Ground fault, Lightning surge, Over temperature	
Energy Meter	Integrated	
Internet Connection	Ethernet, Wi-Fi	
Mounting	Wall-Mount	
Dimension (H x W x D, mm)	290 x 210 x 125 mm	
Net Weight	4.5kg	4.7kg
Recommended Cable Size (50m run)	10mm ² 2C+E	10mm ² 4C+E
Recommended Circuit Breaker	40A single phase type A RCBO	40A three 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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