OCULAR

IQ
Home

7kW / 22kW

Charging ahead, Powering tomorrow.

Welcome to the future of charging with the IQ Home, our cutting-edge charging solution is designed to meet the needs of modern electric vehicle owners, offering versatility, efficiency, and convenience at their doorstep. The IQ Home comes in both single-phase (7kW) and three-phase (22kW) configurations and is compatible with all electric vehicles in Australia.

The system comes with CT clamps to measure your solar production excess, which enables you to charge with green, free electricity from your solar panels, and protects your home from overloading.
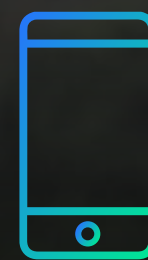
The IQ Home has three different charging modes to suit your individual needs and solar production levels. Built to withstand the Australian elements, it comes with IP55 protection, ensuring reliable performance in any weather conditions. The unit's compact design makes it ideal for residential settings, allowing for easy installation and seamless integration into your home. Equipped with a 5m type 2 cable, the charger offers convenient and hassle-free charging for your EV.
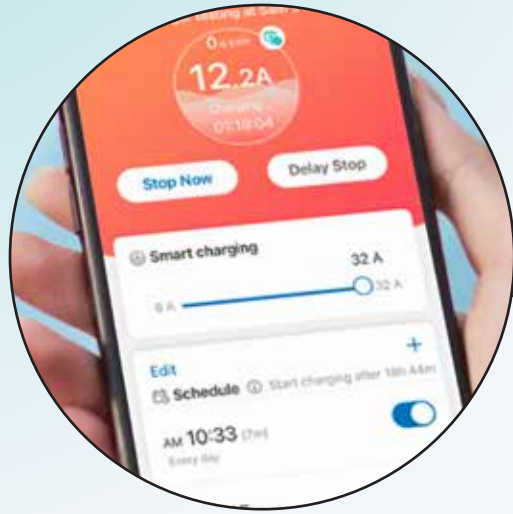
Compact size

Cost savings
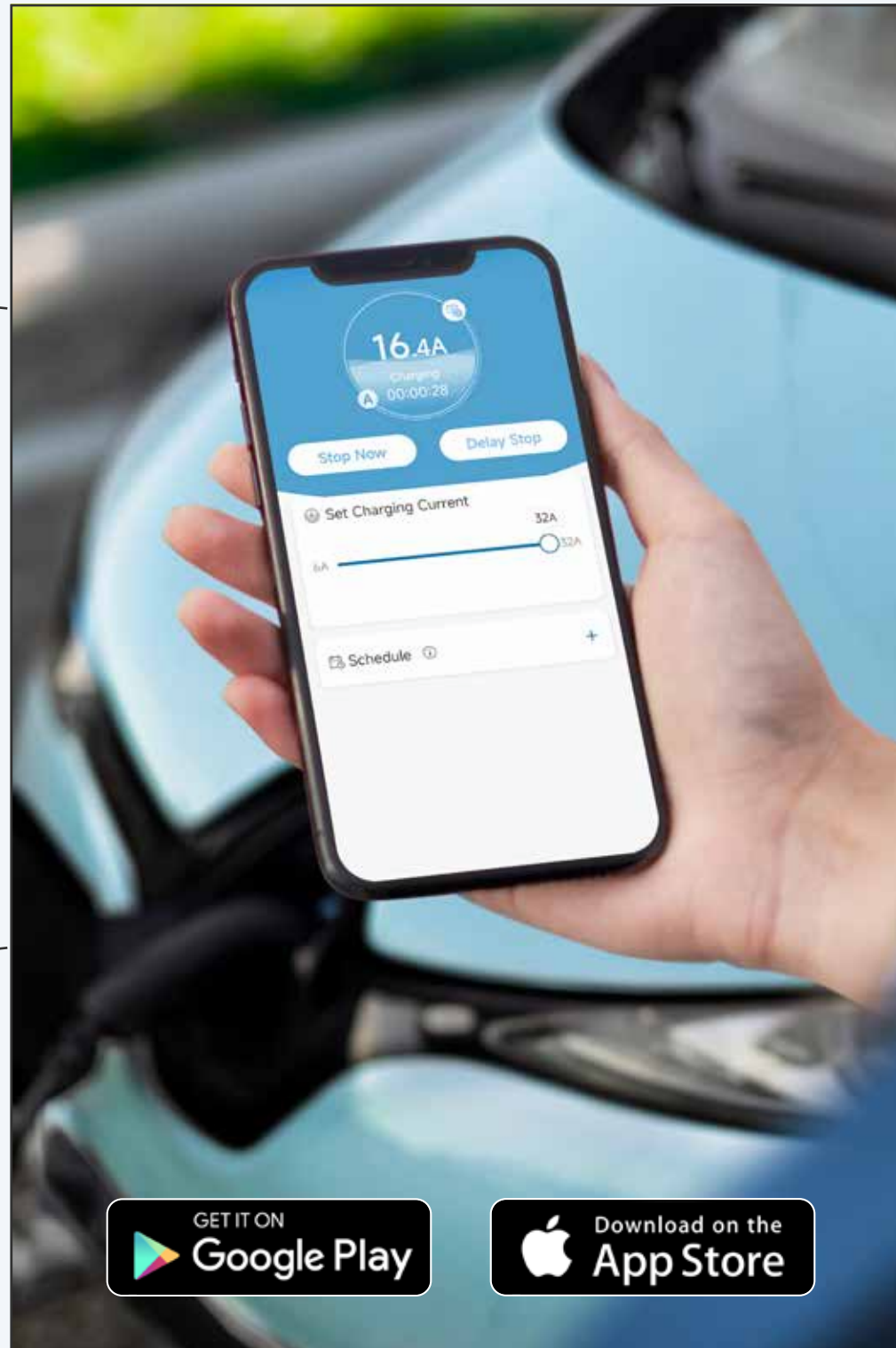
OCPP app

Solar capability

OCULAR SMART HOME APP

Initiate and schedule charging sessions

Solar power consumption monitoring

Intelligent charging with Ocular app

Charging session history

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OCULAR

IQ HOME

DATASHEET

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)	398 * 285 * 226 mm	398 * 285 * 226 mm
Net Weight	4.5kg	4.7kg
Recommended Cable Size (50m run)	10mm2 2C+E	10mm2 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	