

OCULAR

IQ Commercial

7kW / 22kW

Version 2.2



Charging ahead, Powering tomorrow.

The Ocular IQ Commercial is designed for a beautifully simple experience, the power to connect and be informed without the hassle.

With OCPP compatibility, the unit can be connected to any charging management system to support EV software for billing, insights, analytics and fleet monitoring purposes. With two power options, this AC EV charger can add up to 120km of range per hour of charge. The Commercial is a versatile charger, with its compact size and ability to be wall-mounted, it is perfect for installations with limited space. The unit is available in tethered or universal model to suit the needs of your business. The IQ Commercial is extremely user friendly and is compatible with all-electric vehicles in Australia.



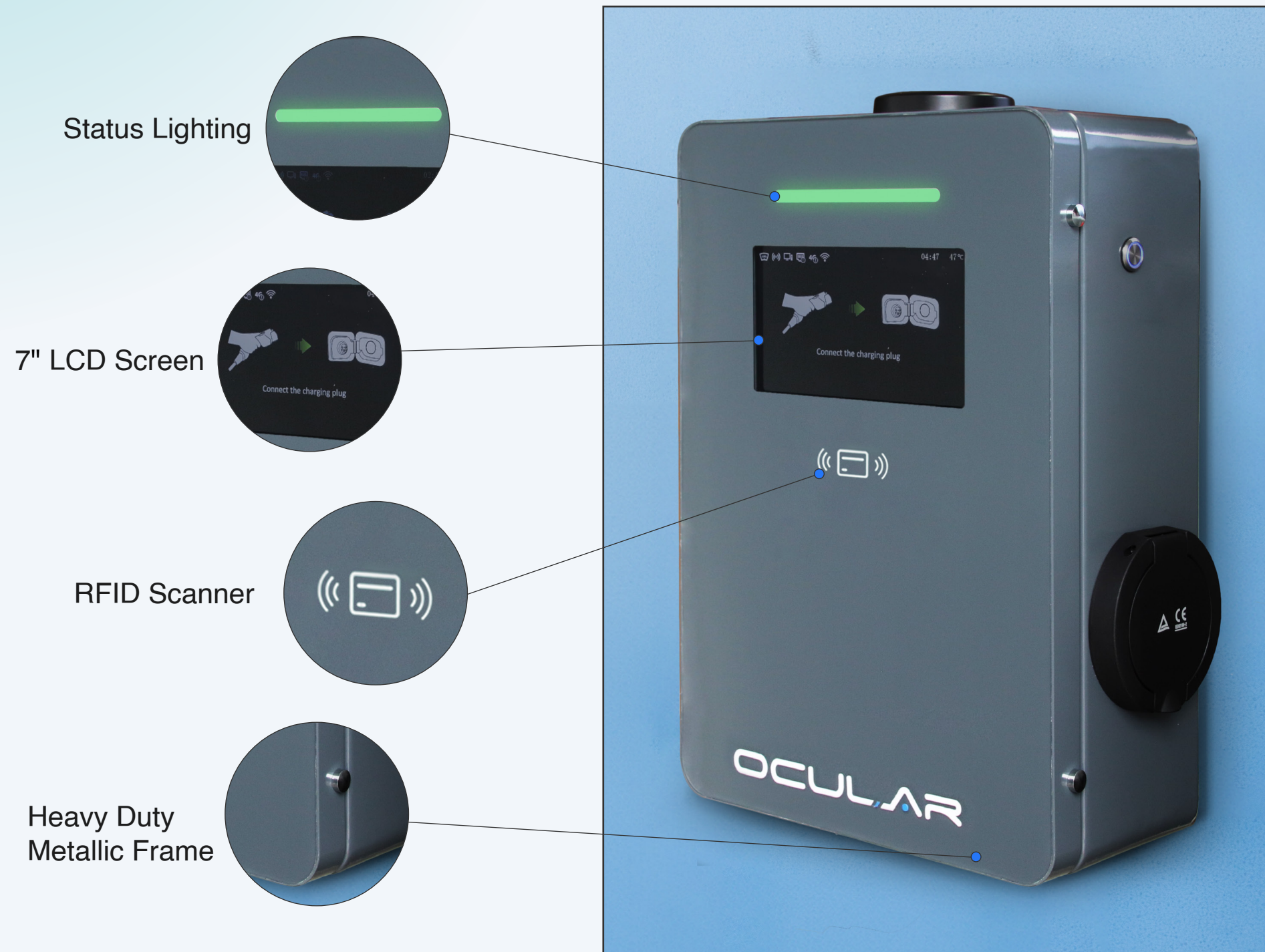
- Multi-level load balancing capabilities with cluster connectivity
- Integrated RCD Type B for reduced installation costs and increased safety
- Advanced display for live charging feedback



- Simple installation with an intuitive backplate system
- Easy maintenance with a wide-angle opening and modular components
- Robust commercial-grade metallic housing designed and tested to Australian conditions



IQ COMMERCIAL 7kW AND 22kW



- Single and Three Phase options
- OCPP 1.6J and 2.0.1 compatibility
- IP54 protection
- Built-in overload and fault current protection
- Ethernet and 4G connectivity options
- Available in tethered and socketed versions.

The IQ Commercial charger can be configured in several different ways



Plug and charge
(no user authentication)



Press button to start
(no user authentication)



RFID authentication
or start through OCPP

OCULAR

IQ COMMERCIAL

DATASHEET

Model Number	IOCAW12-7S		IOCAW12-7T I		IOCAW12-22S		IOCAW12-22T	
Power								
Power Output	7.2kW (1-Phase)				22kW (3-Phase)			
EV Charging Connector	Type-2 Socket		5m Type-2 Cable		Type-2 Socket		5m Type-2 Cable	
Input and Output Voltage	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	7" LCD Screen + LED indication lights							
RFID Reader	ISO14443 Type A cards compatible							
Charger Control Method	Mobile App, physical button, RFID, plug and charge							
Safety								
Internal RCD	63A Type-B RCD							
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, Optional 4G (Nano size sim)							
Communication Type	Modbus (TCP/IP)							
Energy Meter	MID Meter, Optional NMI Pattern Approved							
Load Control	Compatible with Ocular Load Controller or OCPP smart profiles							
General Data								
Ambient Air Temperature for Operation	-30°C to +50°C							
Ambient Air Temperature for Storage	-40°C to +70°C							
Working Humidity	5% - 95% relative humidity, non-condensing							
Protection Rating	IP54, IK10							
Mounting	Wall Mount / Pole Mount							
Dimension (H x W x D, mm)	380 x 288 x 141 mm							
Net Weight	10 kg		12.4 kg		11.2 kg		13.8 kg	
Certification	CE, IEC /EN 61851-1, 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.



 ocularcharging.com.au

 sales@ocularcharging.com.au

 1300 912 650