OCULAR

IQ Commercial

7kW / 22kW



Version 3

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
- Advanced display for live charging feedback
- Simple installation with an intuitive backplate system

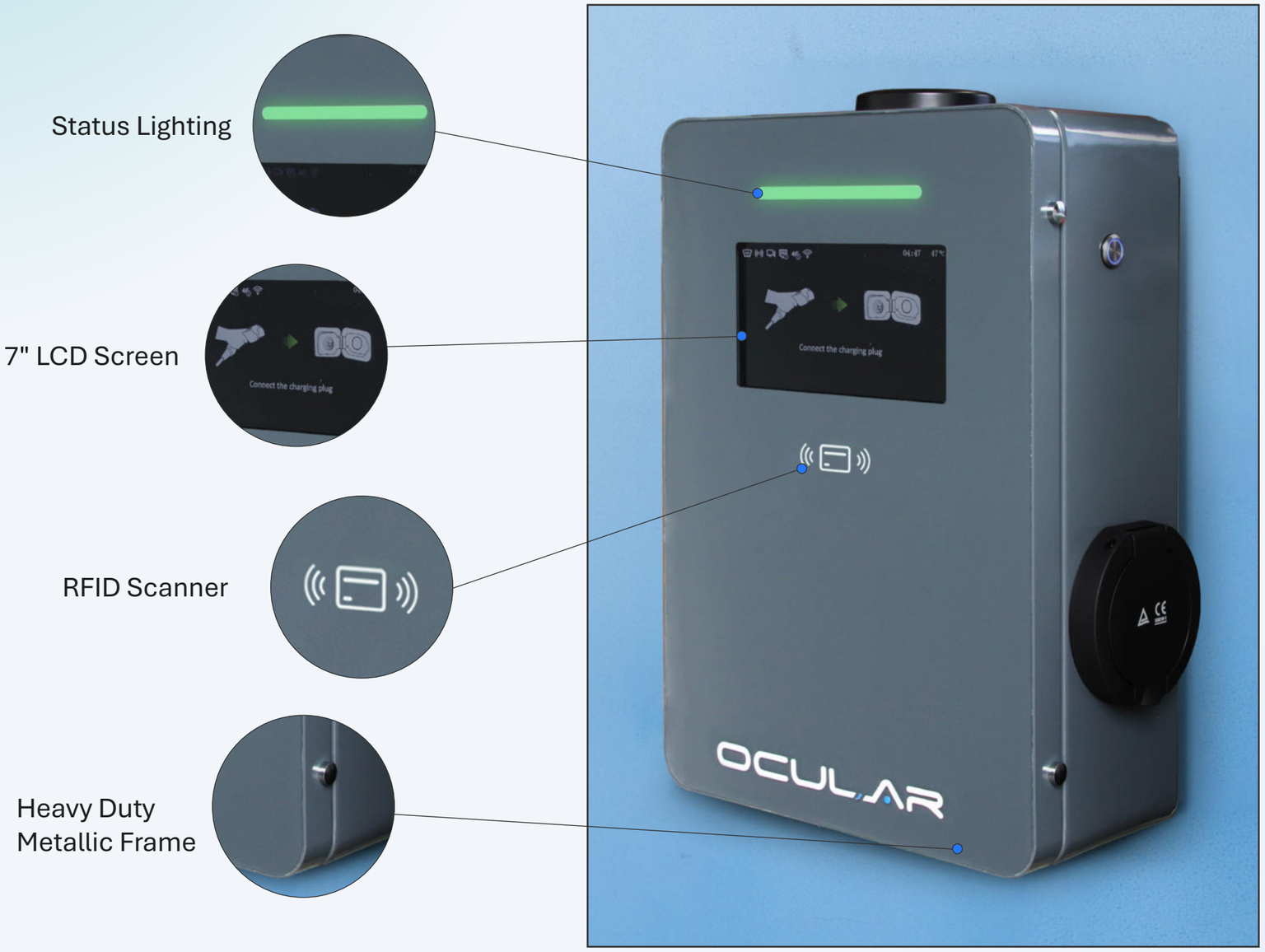




- Easy maintenance with a wide-angle opening and modular components
- Robust commercial-grade metallic housing designed and tested to Australian conditions



IQ COMMERCIAL 7kW AND 22kW



- Single and Three Phase options
- OCPP 1.6J and 2.0.1 compatibility
- IP55 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	IOCAW34-7S	IOCAW34-7T	IOCAW34-22S	IOCAW34-22T
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	30mA AC & 6mA DC leakage protection			
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 in operation			
Ambient Air Temperature for Storage	-40°C to +70°C in storage			
Working Humidity	5% - 95% relative humidity, non-condensing			
Protection Rating	IP55, 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

Bunnings warehouse

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