OCULAR

IQ Tower

The Ocular IQ Tower is a high quality, durable, and cost-effective dual EV charging point which can charge every EV on the market. With OCPP integration, the charger can be connected to any charging management system for easy billing, monitoring, and support.

MAIN FEATURES

Unique Design
The 7" LCD display gives instant feedback on the charging status

Simultaneous Dual Charging
No power sharing, both ports can charge at the maximum speed at the same time

Multiple Charging Standard Compliant
Type-1 connector, Type-2 connector or Type-2 socket

OCPP Compatibility
OCPP 1.6J and 2.0.1 support for integration with a charger management system

Different Models
1-phase 7kW & 3-Phase 22kW available
Credit Card Module available on request

IOCAP06C-7S 4G / IOCAP06C-7T 4G
IOCAP06C-22S 4G / IOCAP06C-22T 4G

✓ Easy configuration to any charging network

✓ Optional Nayax Credit Card Module

✓ Load management compatible

✓ Indoor and Outdoor Rated

✓ Integrated 4G modem for improved connectivity

Version 2.2

SPECIFICATION				
Model Number	IOCAP06C-7S 4G	IOCAP06C-7T 4G	IOCAP06C-22S 4G	IOCAP06C-22T 4G
Power				
Number of Charging Ports	2			
Power Output	7.2kW (1-Phase) per port		22kW (3-Phase) per port	
EV Charging Connector	Type-2 Socket	4.8m Type-2 Cable	Type-2 Socket	4.8m Type-2 Cable
Input and Output Voltage	230V ± 20%		400V ± 20%	
Input and Output Current	32A max per phase per port			
Recommended Circuit Breaker	40A type A RCBO per port			
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			
Credit Card Payment Module	Optional upgrade available			
Safety				
Internal RCD	2 x 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, 4G			
Communication Type	Modbus (TCP/IP)			
Energy Meter	2 x 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			
IP Performance	IP55			
Mounting	Floor mounted			
Dimension (H x W x D, mm)	1420 x 340 x 195 mm			
Net Weight	38 kg	48 kg	40 kg	50 kg
Certification	CE, IEC /EN 61851-1, IEC/EN 61851-21-2, IEC 62196-2, RCM			
Warranty	2 Years (Extended warranties available)			

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OPEN CHARGE ALLIANCE

OCPP OPEN CHARGE POINT INTERFACE