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.



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

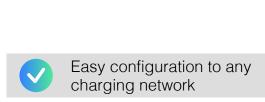
Type-1 connector, Type-2 connector or Type-2 socket

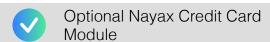
OCPP Compatibility

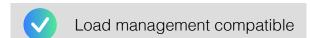
OCPP 1.6J and 2.0.1 support for integration with a charger management system

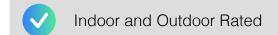
Different Models

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













| SPECIFICATION | | | | |
|---------------------------------------|--|-------------------|-------------------------|-------------------|
| Model Number | IOCAP26-7SE-RW4 | IOCAP26-7TE-RW4 | IOCAP26-22SE-RW4 | IOCAP26-22TE-RW4 |
| 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 (Nano size sim) | | | |
| 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 | | | |
| Protection Rating | IP55, IK10 | | | |
| 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) | | | |











