

OCULAR

CHARGE WITH VISION.

# EV Charging Solutions

Invest in a Greener Future





## Home EV Charging

The Ocular Home EV Charging station combines a beautiful compact charging station with a class-leading LCD screen for live charging feedback.

Move away from blank wall-boxes and start charging with vision.

Universal to every EV in Australia including Tesla, the Ocular unit is a future-proof solution to any home.



## OCULAR Home.

### Product Features

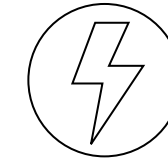
- LCD screen
- Slim, LED Display, IK10 rating
- Single and Three Phase
- Smart Phone App (optional)
- RCD and 6mA protection inbuilt for electrical safety
- Installation Friendly
- Cable length: 6 Metre Extended Cable for Trucks
- Mounting: Wall and Pole
- Safeguarded: 2 Year Warranty
- Weatherproof: IP66 Rating



## Simple To Use, Easy to Install

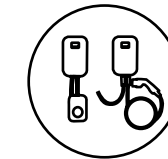
The Ocular Wallbox can be installed easily with the unit preconfigured. The electrician just needs to mount and connect it to the electricity board of a home.

Once installed, you can charge your electric car. The multicolored LCD shows the current operating status at all times.



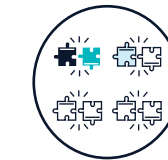
## Fast charging

With the Ocular Universal charging station range, you can charge up to 4-12 times faster than with a conventional domestic portable.



## Multiple Variations

Choose either a universal charging station or purchase with a 6m Type 2 cable hardwired onto the unit. Available in both single and three-phase.



## Charge Every EV in Australia

Every EV in Australia is compatible with this EV charger, including Tesla. We understand that people don't keep the same EV forever and your EV charging solution should provide you with the flexibility to upgrade or add more EVs to your home.



## Australian Owned

100% Australian-owned with Australian-based support. Be confident that your charging station is backed locally and that your warranty is held under Australian consumer laws.





SPECIFICATION	
Input & Output	
Input voltage/Output voltage	AC 230V/400V
Input frequency	47~63Hz
Max. output power	7.6KW(1 Phase)/22KW(3 Phase)
Max. output current	32A
Charging interface type	IEC 62196-2, SAE J1772
Protection	
Over voltage protection	✓
Under voltage protection	✓
Overload Protection	✓
Short circuit protection	✓
Earth leakage protection	✓
Over-temp protection	✓
Lightning protection	✓
Function and Accessory	
Ethernet/WIFI/4G/Bluetooth	No
LCD	3.5-inch color display
RCD	Type A / type A+6mA DC
LED Indicator light	✓
Intelligent power adjustment	✓
RFID	Optional
Working environment	
Protection degree	IP66
Environment temperature	-40℃ ~ +75℃
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W
Mechanical	
Dimension (W/H/D)	295/195/65mm
Weight	6KG
Mounting Accessories	
Wall-mounting bracket	✓
Ground-mounting pole	Optional
Certificate	
Certificate	CE, TUV, FCC, CSA, RoHS



Universal Socket



Tethered

SPECIFICATION	
Input & Output	
Input voltage/Output voltage	AC 230V/400V
Input frequency	47~63Hz
Max. Output power	7.6KW(1 Phase)/22KW(3 Phase)
Max. Output current	32A
Charging interface type	IEC 62196-2, SAE J1772
Protection	
Over voltage protection	✓
Under voltage protection	✓
Overload Protection	✓
Short circuit protection	✓
Earth leakage protection	✓
Over-temp protection	✓
Lightning protection	✓
Function and Accessory	
Ethernet/WIFI/4G/Bluetooth	No
LCD	3.5-inch color display
RCD	Type A / type A+6mA DC
LED Indicator light	✓
Intelligent power adjustment	✓
RFID	Optional
Cable	6m length
Working environment	
Protection degree	IP66
Environment temperature	-40℃ ~ +75℃
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W
Mechanical	
Dimension (W/H/D)	295/195/65mm
Weight	8KG
Mounting Accessories	
Wall-mounting bracket	✓
Ground-mounting pole	Optional
Certificate	
Certificate	CE, TUV, FCC, CSA, RoHS



## Interactive EV Charging Stations for all EVs

*Invest in a Greener Future*



## Commercial Electric Vehicle Charging

### Fleets, Workplaces, Destinations and Developments

Ocular Charging was founded on a mission to create appealing, accessible, and quality charging stations for Australia.

Our product lines focused on stylish charge points and intelligent software applications across residential, commercial, and public applications.

Our network provides control over a scalable network to ensure that network managers have unrivaled analytical and billing tools at their disposal.

Products across our range are designed by our Australian team with extreme weather in mind to ensure that they thrive in even the most punishing climates.

All of our products are compatible with every EV in Australia.

***Charge With Vision.***



### Public

Public charging encompasses service stations, short stay car parks, and some retail car parks. Generally the operators of these charging stations charge a premium rate for electrical consumption as a trade off for the rapid rate of charging.



### Light Commercial/Workplace

Fast charging of up to 120km/hr usually implemented to account for small fleets and employee parking. It is also likely to be the only viable charging method for many people who live in flats or who do not have off street parking to charge their car at home.



### Commercial

Variation can occur between these sites depending on the use case but they are generally similar application to light commercial or a rapid charging setup for in-demand vehicles in large operations e.g. buses, trucks, large fleets.



### Destination

Includes locations like shopping centres, hotels, and gyms. Typically people only stop at these locations for more than a brief period of time, allowing for the use of fast chargers to either top up users to get to their next stop or to fully charge their car over a longer period of time.



## Simple Installation

Ocular Charging continues to strive for simplicity in more than just charger operation.

That's why we guarantee simple and time-efficient installation processes across the range.

Ocular products are both indoor and outdoor rating, making them flexible when it comes to installation.

We have complete installation guides and are happy to guide installers through their first installations of our products. We expect minimal issues given the easy nature of the process.





#### High-speed charging

With the Ocular Universal charging station range, you can charge up to 4-12 times faster than with a conventional domestic portable.



#### Load Management

Our hardware-independent e-Mobility cloud platform, Exploren, is an all-in-one OCPP solution for managing EV charging for home, business, fleet and public sector scenarios.



#### Charge Every EV in Australia

Every EV in Australia is compatible with this EV charger, including Tesla. We understand that people don't keep the same EV forever and your EV charging solution should provide you with the flexibility to upgrade or add more EVs to your home.



#### Australian Owned

100% Australian-owned with Australian-based support. Be confident that your charging station is backed locally and that your warranty is held under Australian consumer laws.

## Our Charger Models

Our products focus on simplifying charging. With LCD screens standard across the range and options for networking capability, charging has never been more accessible.

Ocular is here to help build the charging infrastructure needed to enable mass adoption of electric vehicles across Australia.

Let's grow your business, together!



# Ocular IQ Wallbox

The Ocular IQ Wallbox is an intelligent solution across homes, apartments, destinations, and light commercial applications.

### Unique Design

2.8” LCD Display for excellent clarity

### Flexible Output Current

Output current adjustment via DIP switch or back office

### Multiple Charging Standard Compliant

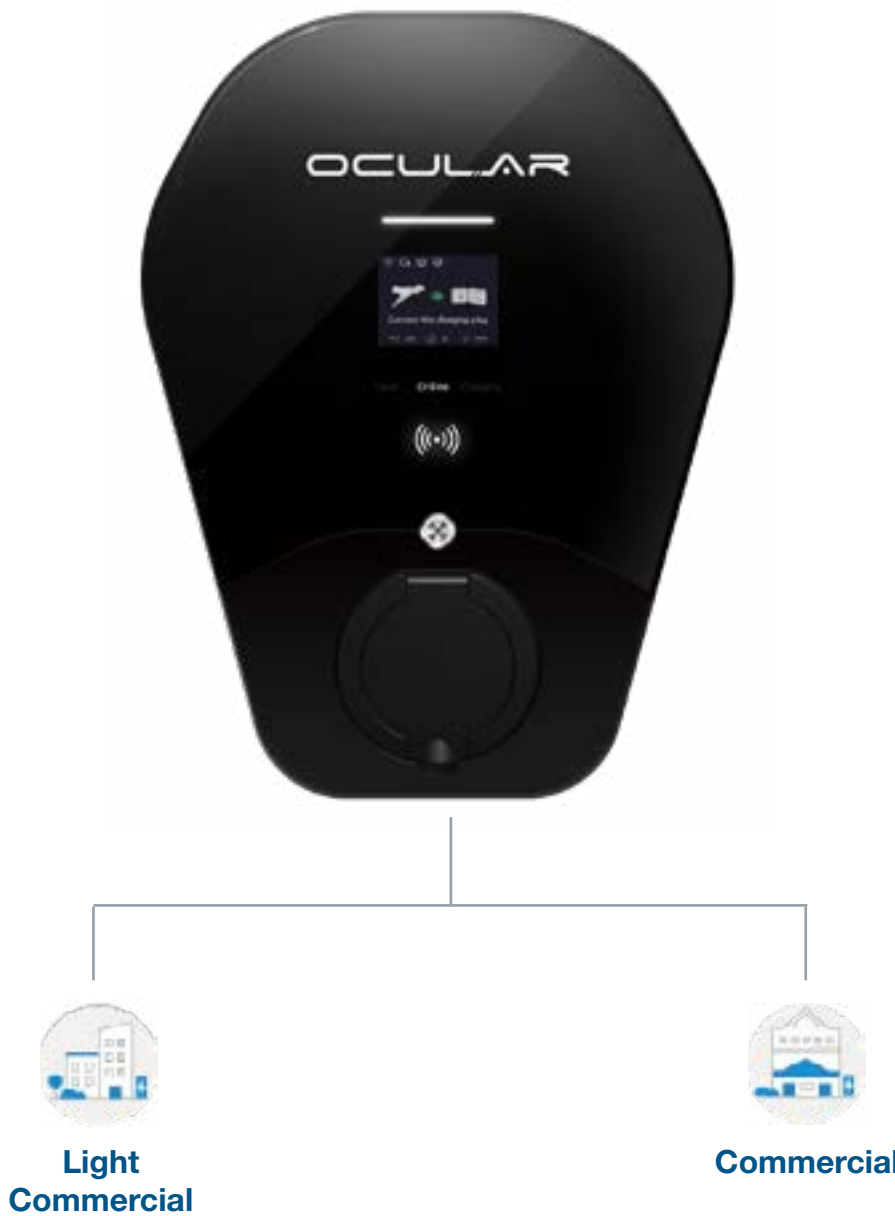
SAEJ1772, Type-2 connector or Type-2 socket

### OCPP Compatibility

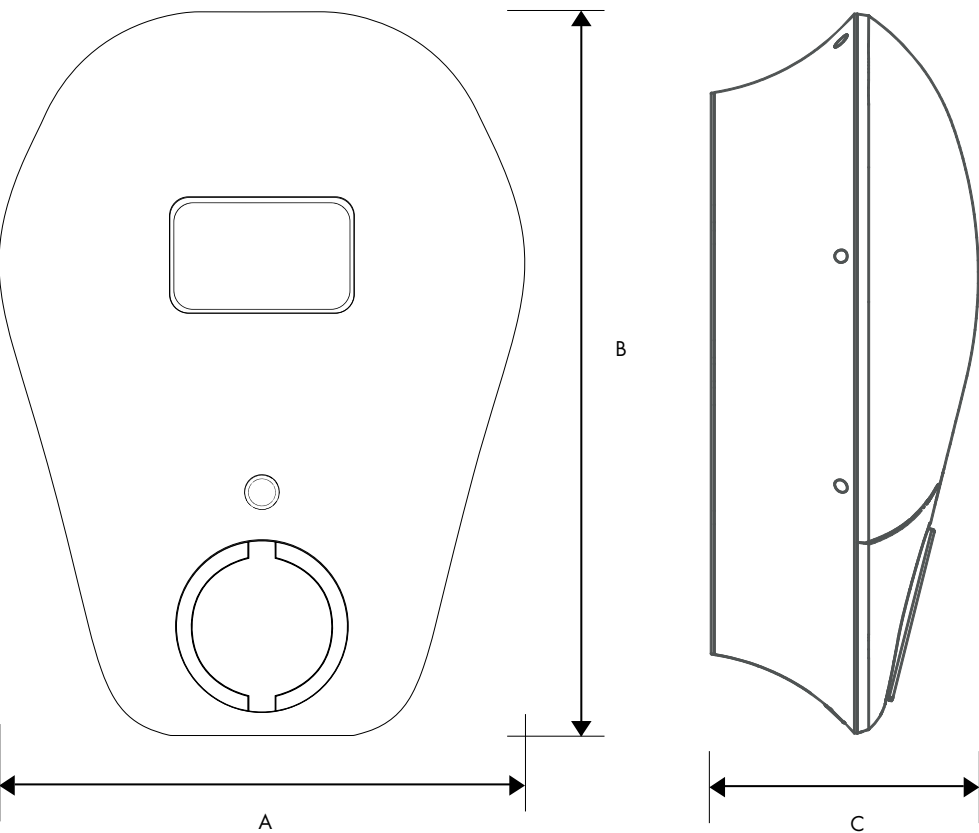
OCPP1.6J support for easy back office integration

### 2 Different Models

1-Phase 7kW & 3-Phase 22kW available



SPECIFICATION	
Input & Output	
Input voltage/Output voltage	AC 230V/400V
Input frequency	50Hz
Max. output power	7.6KW(1 Phase)/22KW(3 Phase)
Max. output current	32A
Charging interface type	IEC 62196-2, SAE J1772
Protection	
Over voltage protection	✓
Under voltage protection	✓
Overload Protection	✓
Short circuit protection	✓
Earth leakage protection	✓
Over-temp protection	✓
Lightning protection	✓
Function and Accessory	
Ethernet/WIFI/4G/Bluetooth	Yes
LCD	2.8-inch color display
RCD	Type A / type A+6mA DC
LED Indicator light	✓
Intelligent power adjustment	✓
RFID	Yes
Cable	6m length
Working environment	
Protection degree	IP54
Environment temperature	-30 C to +50 C
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W
Mechanical	
Dimension (W/H/D)	269/360/146mm
Weight	5.3kg (Universal) / 7.6kg (Tethered)
Mounting Accessories	
Wall-mounting bracket	✓
Ground-mounting pole	Optional
Certificate	
Certificate	CE, RCM



Size	A	B	C
269 x 360 x 146 mm	269	360	146



# Ocular IQ Commercial

*Ocular IQ Commercial is a robust heavy duty charging station with a metallic frame and extra large LCD screen. This product is ideal in public and fleet application*

### Unique Design

7” LED Display with instant feedback

### Flexible Output Current

Output current adjustment via DIP switch or back office

### Multiple Charging Standard Compliant

SAEJ1772, Type-2 connector or Type-2 socket

### OCPP Compatibility

OCPP1.6J support for easy back office integration

### 2 Different Models

1-Phase 7kW & 3-Phase 22kW available



**Light  
Commercial**



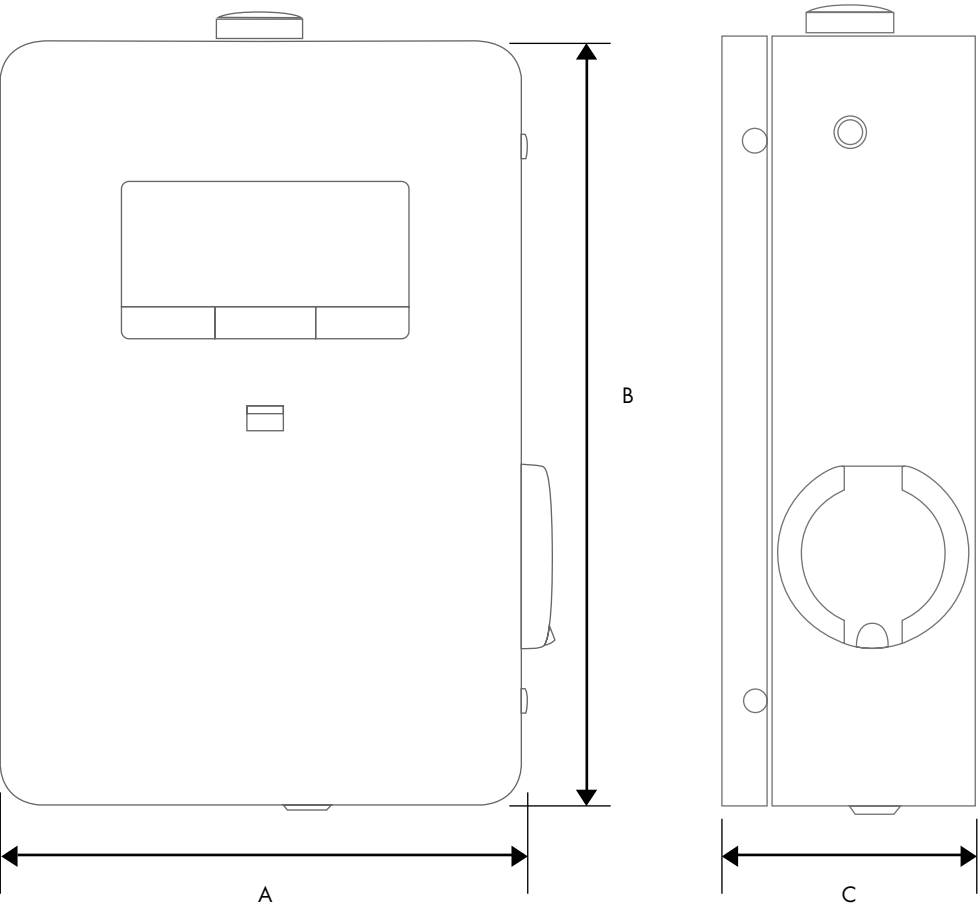
**Commercial**



**Destination**

## SPECIFICATION

Input & Output	
Input voltage/Output voltage	AC 230V/400V
Input frequency	50Hz
Max. output power	7.6KW(1 Phase)/22KW(3 Phase)
Max. output current	32A
Charging interface type	IEC 62196-2 with Cable Lock
Protection	
Over voltage protection	✓
Under voltage protection	✓
Overload Protection	✓
Short circuit protection	✓
Earth leakage protection	✓
Over-temp protection	✓
Lightning protection	✓
Function and Accessory	
Ethernet/WIFI/4G/Bluetooth	Yes
LCD	7” LCD
RCD	Type B
LED Indicator light	✓
Intelligent power adjustment	✓
RFID	Yes
Cable	6m length
Working environment	
Protection degree	IP54
Environment temperature	-30 C to +50 C
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W
Mechanical	
Dimension (W/H/D)	270 x 400 x 130 mm
Weight	10kg (socket) / 12.4kg (cable) 11.2kg (socket) / 13.8 (cable)
Mounting Accessories	
Wall-mounting bracket	✓
Ground-mounting pole	Optional
Certificate	
Certificate	CE, RCM



Size	A	B	C
270 x 400 x 130 mm	270	400	130

# Ocular IQ Tower

The Ocular IQ Dual Tower is an easy to use, heavy duty AC charger for public, semi-public and private EV charging. It is ideal for installations where you require a floor mounted dual EV charging solution.

### Unique Design

7” LED Display with instant feedback

### Flexible Output Current

Output current adjustment via DIP switch or back office

### Multiple Charging Standard Compliant

SAEJ1772, Type-2 connector or Type-2 socket

### OCPP Compatibility

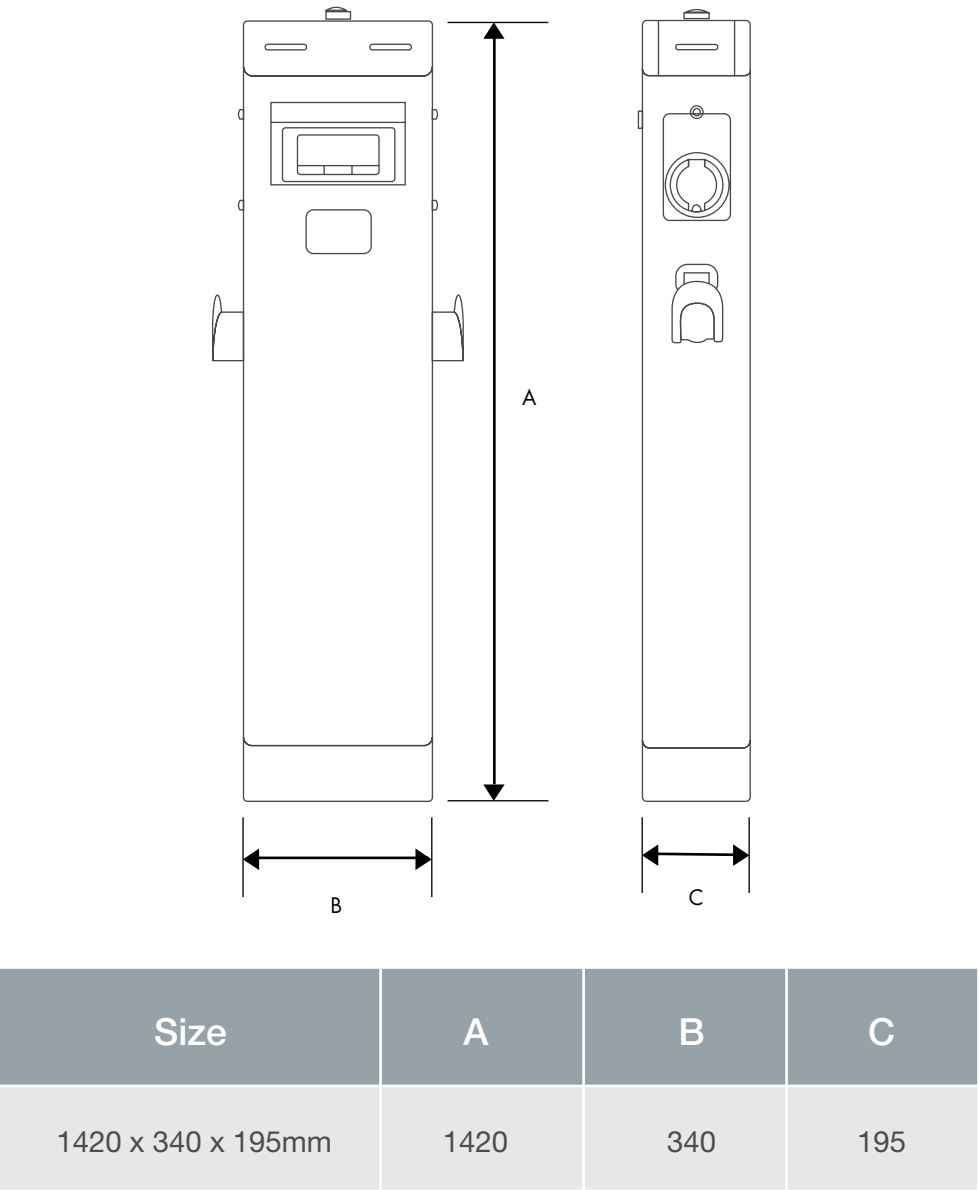
OCPP1.6J support for easy back office integration

### 2 Different Models

1-Phase 7kW & 3-Phase 22kW available



SPECIFICATION	
Input & Output	
Input voltage/Output voltage	AC 230V/400V
Input frequency	50Hz
Max. output power	7.6KW(1 Phase)/22KW(3 Phase)
Max. output current	32A
Charging interface type	IEC 62196-2 with Cable Lock
Protection	
Over voltage protection	✓
Under voltage protection	✓
Overload Protection	✓
Short circuit protection	✓
Earth leakage protection	✓
Over-temp protection	✓
Lightning protection	✓
Function and Accessory	
Ethernet/WIFI/4G/Bluetooth	Yes
LCD	7” LCD
RCD	Type B
LED Indicator light	✓
Intelligent power adjustment	✓
RFID	Yes
Cable	6m length
Working environment	
Protection degree	IP54
Environment temperature	-30 C to +50 C
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W
Mechanical	
Dimension (W/H/D)	1420 x 340 x 195mm
Weight	38 /40kg
Mounting Accessories	
Pedestal Type	Standard
Certificate	
Certificate	CE, RCM





Commercial



Fleet



Destination

## Ocular DC 40kW

*The Ocular DC Charger 40kW. The ideal solution for affordable DC charging which is ideally suited for commercial, fleet, and large residential uses.*

### Unique Design

7" LED Display with instant feedback

### Flexible Output Current

Output current adjustment via DIP switch or back office

### Multiple Charging Standard Compliant

CCS 2 / Dual CCS2 or CHAdeMO

### OCPP Compatibility

OCPP1.6J support for easy back office integration

### 2 Different Models

Single or Dual Charging Options

## Ocular DC 120 - 150kW

*The Ocular Dual DC Charger is designed to supercharge electric vehicles conveniently with its robust metal casing and functional 8inch LED display. The ideal solution for affordable DC charging which is ideally suited for commercial, fleet, and destination*

### Unique Design

7" LED Display with instant feedback

### Flexible Output Current

Output current adjustment via DIP switch or back office

### Multiple Charging Standard Compliant

CCS 2 / Dual CCS2 or CHAdeMO

### OCPP Compatibility

OCPP1.6J support for easy back office integration

### 2 Different Models

120kW & 150kW available



Commercial



Fleet



Destination





# Ocular Kiosk

*The Ocular Charging Kiosk represents state of the art display technology for any outdoor environment. Meeting the highest industrial standards, they provide a high degree of operational reliability and superior image quality.*

## Unique Design

46" or 55" LCD Panel

## Outdoor Rated Casing & Screen

## Multiple Charging Standard Compliant

Type-2 socket

## 2 Different Models

Single or Double screens



## Be a part of the clean tech future

More information on:  
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