

# OCULAR

## DC CHARGING

### RANGE

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Power up your EV network with  
Ocular's high-speed DC  
charging range

OCULAR



CHARGE WITH VISION

# START CHARGING for the future

Ocular's DC charging range is built to be the future solution for Australia's growing EV infrastructure.

The scalable and reliable hardware of Ocular ensures a cost effective EV network that can grow with you.

Experience the promising future of DC charging in Australia.

As EVs multiply, demand for fast and reliable charging rises. Technological advancements and infrastructure growth mean more convenient DC fast charging stations across the country.

Integrate renewables and smart charging for a sustainable and efficient network.  
**Expect a bright future for DC charging in Australia.**



# WHY CHOOSE DC CHARGING?

**State and Federal governments have announced support for fast-charging deployment across Australia in response to the rapidly expanding EV market.**

Prepare your business for the future by installing a DC fast charger. With ranges from 60 kW to 150 kW there is an Ocular charger suitable for every business and site.



## **Attract and retain customers:**

Show your business is committed to sustainability and supports electric vehicles.



## **Increased revenue:**

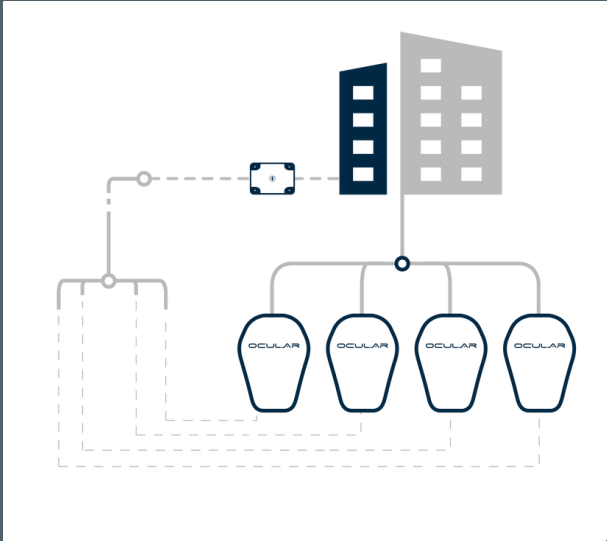
By offering charging services, businesses can generate additional revenue streams, such as shopping centres or tourist destinations.



## **Environmental benefits:**

Reduce carbon emissions for a more sustainable future. A powerful message for those looking for businesses that prioritise sustainability.

# LOAD MANAGEMENT



Maximize safety and efficiency with Ocular's load management solutions. Safeguard your property's electrical infrastructure while ensuring optimal operation of the charging infrastructure. Choose from our two reliable options for seamless load management.

## Static

The most basic form of load management. EV chargers will be limited by a power limit for all the chargers on the same system. The load limit will then be distributed evenly among the chargers in use.

This system is *inbuilt into the charger*, this can be controlled through pre-programming on the Ocular charger or moderated by an OCPP software.

## Active:

Our comprehensive form of load management. This operates under a power load limit however, consumption is based on the real-time usage of the site. The load management system will actively adapt to accommodate to the building capacity.

When site power consumption is high, there will be a reduction in power available to the chargers and vice versa.

# OCULAR TITAN 40 KW

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ideal for



fleet



light commercial



Elevate your electric vehicle charging to new heights with the Ocular DC Charger 40kW. Embrace lightning-fast charging speeds, unmatched versatility, and intelligent features that make your charging experience effortless.

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- **Lightweight**
  - **Cable Length: 5m**
  - **Simple Plug & Charge**
  - **Wall or Floor mounted**
  - **7-inch touchscreen display**
  - **Metallic Frame**

# OCULAR TITAN 40 KW

## Datasheet

Model	OC-EVD-40S
Input Rating	400V AC
Voltage accuracy	<±0.5%
Current accuracy	≤±1% (at 20%~100% of rated power)
Frequency (Hz)	50/60Hz
Efficiency	≥95.2%
Power Output	40kW
Output Voltage	150V~750V DC
Output Current	80A
Electrical Protection	Over-current, Short circuit, Over voltage, Under voltage, Ground fault, Lightning Surge, Over temperature
Display	7" LCD touch screen
Supporting Language	English or other required language
User Authentication	RFID Card, Mobile App, Remote Access
Push Buttons	Emergency stop
Charge Options	Charge by duration, by energy, by amount
Operating Temperature	(-20°C to+50°C) in operation
Working Humidity	5%-95% relative humidity, non-condensing
Altitude	2000 m
IP Performance	IP54
Cooling	Forced air
Charging Cable Length	16.4 ft (7 m), straight cable
Dimension (H x W x D, mm)	548 x 775 x 294 mm
Net Weight	55Kg
Network Interface	Ethernet, 4G
Ocpp	Ocpp1.6J
Certificate	CE, RCM



# OCULAR TITAN 60 KW

More Speed. Less Space. Better Value.

ideal for



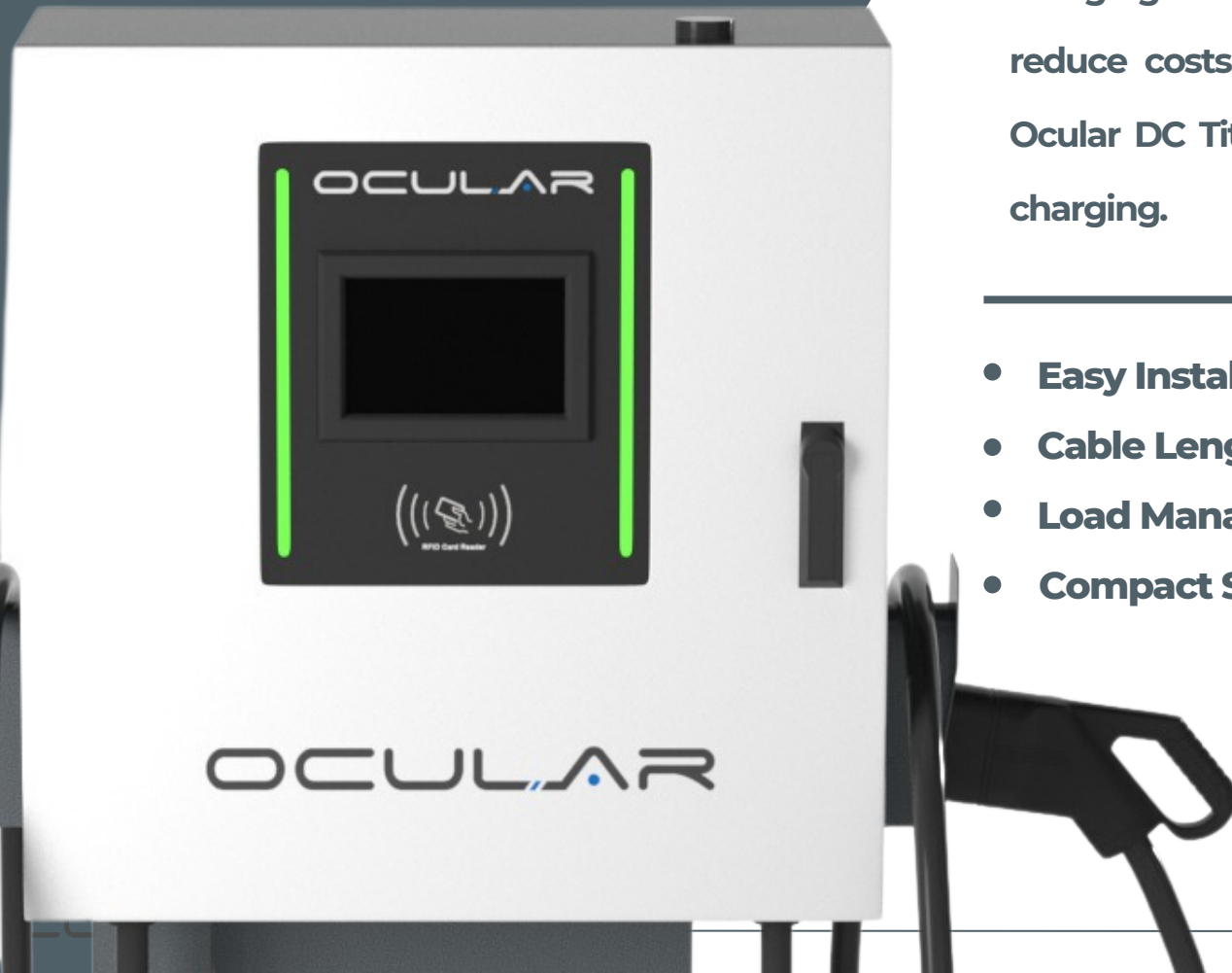
fleet



public



light commercial



Perfect for public spaces, it offers unmatched power and versatility. Trust Ocular for reliable, weather-resistant charging. Dual charging options and compact design reduce costs and optimize infrastructure. Choose the Ocular DC Titan 60kW for fast, reliable, and affordable charging.

- **Easy Installation**
- **Cable Length: 7m**
- **Load Manageable**
- **Compact Size (<90 kg)**
- **Wall or Floor mounted**
- **8-inch touchscreen display**
- **Up to 360km of additional range per hour**

# OCULAR TITAN 60 KW Datasheet

Model	OC-60HY2
Input Rating	3-Phase 400V±15% AC
Power Factor	>=0.99
Frequency (Hz)	50/60Hz
Efficiency	94%
Power Output	60kW
Output Voltage	150V-1000V DC
Output Current	100A MAX   200A MAX
Electrical Protection	Over current, Short circuit, Over voltage, Under voltage, Ground fault, Lightning Surge, Over temperature
Display	8" TFT LCD touch screen
Supporting Language	English or other required language
User Authentication	RFID Card, Mobile App, Remote Access
Push Buttons	Emergency stop
Charge Options	Charge by duration, by energy, by amount
Operating Temperature	(-30°C to +55°C) in operation, (-40°C to +75°C) in storage
Working Humidity	95% relative humidity, non-condensing
Altitude	Up to 6000 feet (2000 m)
IP Performance	IP54
Cooling	Forced air
Charging Cable Length	16.4 ft (5 m), straight cable
Dimension (H x W x D, mm)	355 x 690 x 770 mm
Net Weight	85Kg
Network Interface	Ethernet, 4G
OCPP	OCPP1.6J, OCPP2.0.1
Web Portal & Mobile App	Yes, ios /Android
Certificate	CE, IEC/EN 61851-1, IEC/EN 61851-23, IEC/EN 61851-21-2, RCM



# OCULAR COMBI 60-120 KW

More versatile than ever before.

ideal for



fleet



public fast



trucks and buses



The Ocular DC Combi 120kW - a versatile and scalable charging solution for public and commercial installations. Charge multiple vehicles simultaneously, with fast charging times and advanced features. Easy to manage and monitor online.

- **Charge 4 EVs at once** ( 2 x DC Charger, 1 x AC Charger, 1 x PowerPoint )
- **8-inch touchscreen display**
- **Available in 60kW, 90kW and 120kW power outputs.**
- **Floor mounted**
- **Cable Length: 3x 5m**
- **Load Manageable**

# OCULAR COMBI 120 KW Datasheet

Model	IOC60HY3   IOC90HY3   IOC120HY3
Input Rating	400V±15%, 184 A +32 A / phase
Power Factor	AC ≥0.99
Frequency (Hz)	50/60Hz
Efficiency	92%
Power Output	60kW   90kW   120kW
Output Voltage	150-1000V DC
Output Current	300A MAX (charging at 400 V )   CCS x 2 (CHAdEMO to order)
Electrical Protection	Over current, Short circuit, Over voltage, Under voltage, Ground fault, Lightning Surge, Over temperature
Display	8" LCD touch screen
Supporting Language	English or other required language
User Authentication	RFID Card, Mobile App, Remote Access
Push Buttons	3 Physical Buttons for Multi-functional purposes inc. emergency
Charge Options	stop Charge by duration, energy, or amount
Operating Temperature	(-30°C to +55°C) in operation, (-40°C to +75°C) in storage
Working Humidity	95% relative humidity, non-condensing
Altitude	Up to 2000m
IP Performance	IP54
Cooling	Forced air
Charging Cable Length	16.4 ft (5 m), straight cable
Dimension (H x W x D, mm)	1850 x 750 x 640 mm
Net Weight	360Kg   380Kg   400Kg
Network Interface	Ethernet, 4G
OCPP	OCPP1.6J, 2.0
Certificate	CE, I E C /EN 61851-1, IEC/EN 61851-23, IEC/EN 61851-21-2, RCM

# OCULAR ATLAS 60-180 KW

Drive more. Charge less.

Experience the ultimate in fast and reliable charging with the Ocular Atlas. Charges two EVs simultaneously with advanced safety features and live feedback display. Built to withstand any weather conditions. Simplify monitoring, analysis, and billing with the online platform. Trust the Ocular Atlas for a reliable and efficient charging experience.

- Charge 2 EVs at once
- 8-inch touchscreen display
- Up to 860km of driving per hour of charge
- OCPP Compatible
- Cable Length: 2x 5m
- Load Manageable

ideal for



fleet



public fast



trucks and buses



# OCULAR ATLAS 60-180 KW Datasheet

Model	OC - 60HY4   OC - 120HY4   OC - 180HY4
Input Rating	C3-Phase 260V-530V AC,50/60Hz
Power Factor	AC ≥0.99
Frequency (Hz)	50/60Hz
Efficiency	95.5%
Power Output	60kW   120kW   180kW
Output Voltage	150-1000V DC
Output Current	200A MAX   400A MAX   500A MAX
Electrical Protection	Over current, Short circuit, Over voltage, Under voltage, Ground fault, Lightning Surge, Over temperature
Display	8" LCD touch screen
Supporting Language	English or other required language
User Authentication	RFID Card, Mobile App, Remote Access
Push Buttons	3 Physical Buttons for Multi-functional purposes inc. emergency stop
Charge Options	Charge by duration, energy, or amount
Operating Temperature	(-30°C to +55°C) in operation, (-40°C to +75°C) in storage
Working Humidity	95% relative humidity, non-condensing
Altitude	Up to 2000m
IP Performance	IP55
Cooling	Forced air
Charging Cable Length	16.4 ft (5 m), straight cable
Dimension (H x W x D, mm)	1816 x 1007 x 750 mm
Net Weight	350kg   400kg   450kg
Network Interface	Ethernet, 4G
OCPP	OCPP1.6J, 2.0
Certificate	CE, RCM



**OCULAR**  
CHARGE WITH VISION

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