

OCULAR

DC Titan

30kW and 60kW



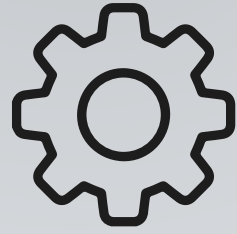
Charging ahead, Powering tomorrow.

Explore the cutting-edge Titan DC, a 30kW and 60kW commercial EV charger that redefines reliability, and value. Titan represents the next generation of charging offering an ergonomic, adaptable, and innovative design compatible with all EV cars in Australia.

At Ocular engineering, power meets efficiency, ensuring a seamless user experience for charging your electric vehicles and fleets. Its class leading, weather-resistant and compact hardware can effortlessly be installed or mounted on the wall or floor providing unparalleled flexibility. Featuring dual charging capabilities, Titan's intelligent design facilitates simultaneous charging for two vehicles.

The Titan range is OCPP 1.6 & 2.0 compatible for smart charging, billing and secure identification. Interact effortlessly with the charger through the 8" LCD touchscreen, which displays key information and charging statistics, making your charging experience not just efficient but user-friendly.





COMPACT

The most flexible & compact, high powered DC charger on the market. Complemented by the lightest weight cables available.



RELIABLE

Maximum uptime, keeping your equipment running when every minute counts.



VALUE

Exceptionally cost-effective, ensuring superior value for your investment.





BUS AND TRUCKS

Transforming the landscape of heavy-duty transportation, buses and trucks embrace a fast, reliable, and efficient power source, promising zero emissions. Join us in electrifying the journey and driving sustainability forward—one charge at a time.



PUBLIC

Reforming urban mobility, Titan chargers play a pivotal role in powering public cars, marking a shift towards sustainable and accessible charging infrastructure. Welcome the ease of electric mobility as we empower the public to choose a greener path forward.



FLEET

Turning electric mobility from possibility to reality, Titan fuels fleets with the silent power of electricity, propelling them into a future of clean and efficient transportation. Witness large fleets silently navigating the road, marking a new era where sustainability and innovation converge to shape the future.

TITAN DC CHARGER 30kW AND 60kW



Empower your business with Titan – the symbol of intelligence and capability. The 30kW and 60kW are designed to prioritise modularity for easy maintenance. Titan combines smart technology with robust reliability for an unparalleled charging experience that is compatible with all EVs from public cars, buses, trucks to fleet vehicles.

- RCD inbuilt
- Built-in 4G modem
- MID metering
- OCPP 1.6 & 2.0
- Metallic frame
- Simplified maintenance
- Wall and Floor Mounted Options
- Load Manageable
- Compact size 85kg
- Up to 360km of additional range per hour

OCULAR TITAN DC CHARGER

DATASHEET

Model Number	IOC030HY1	IOC060HY2-EE
Power		
Rated Power Output	30kW	60kW
Number of Charging Ports	1	2
Plug Type	CCS2 as standard, other options available on request	
Rated Input Voltage	3-Phase 400V ± 15%	
AC Input Current @400V (Amps/phase)	47	92
Max AC Input Current (Amps/phase)	55	108
Frequency (Hz)	50/60Hz	
Power Factor	≥0.99	
Efficiency	94%	
Input Cable Type	3P + N + PE	
Output Voltage	150V-1000V DC (vehicle dependent)	
Output Current	Max 100 Amps DC per port	Max 200 Amps DC per port
User Interaction		
Display	8" TFT LCD touch screen	
Charging Cable Length	7m Cable as standard. Other cable lengths available on request	
User Authentication	Mobile app, physical button, RFID, Autocharge	
RFID Reader	ISO14443 Type A cards compatible	
Credit Card Payment Module	Optional Nayax credit card module upgrade	
Emergency Stop	Push Button	
Communication		
OCPP	OCPP1.6J, OCPP2.0.1	
Communication Interfaces	Ethernet, 4G, Modbus (TCP/IP)	
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 +75°C	
Working Humidity	95% relative humidity, non-condensing	
Altitude	Up to 6000 feet (2000 m)	
IP Rating	IP54	
Cooling	Forced Air	
Mounting Type	Wall or floor via optional pedestal	
Dimensions (H x W x D mm)	770 x 690 x 355	
Net Weight	75 kg	85 kg
Electrical Protection	Over current, Short circuit, Over voltage, Under voltage, Ground fault, Lightning surge, Over temperature	
Certification	CE, IEC/EN 61851-1, IEC/EN 61851-23, IEC/EN 61851-21-2, RCM	
Supported Language	Language Selectable by user on screen - English, French, German, Spanish, Italian, Portuguese, Russian, Čeština, Finnish, Chinese, Japanese, Romanian, Thai, Arabic, Turkish	
Warranty	2 Years (Extended warranties available)	

POWERING THE JOURNEYS OF BUSINESSES AND PARTNERS





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