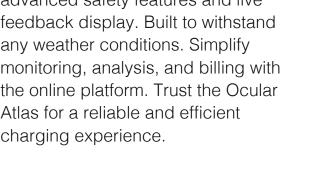# OCULAR

DC Atlas 240-420kW

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.

MAIN FEATURES

Dual output
Dual Output Ports to charge two EV's at once

Multiple Charging Standard Compliant
CCS-2 x 2, CHAdeMO (Optional)

OCPP Compatibility
OCPP1.6J and upgradable to OCPP2.0.1

Billing & Secure User Identification
Secure User Identification Via RFID or Mobile App

✓ Easy configuration to any charging network

✓ Optional Nayax Credit Card Module

✓ OCPP 1.6J, 2.0.1 compatible

✓ OCPP smart charging

✓ Smart load control technology

Version 2.2

SPECIFICATION				
Model Number	IOC240LY2-EE	IOC300LY2-EE	IOC360LY2-EE	IOC420LY2-EE
Power				
Rated Power Output	240kW	300kW	360kW	420kW
Number of Charging Ports	2			
Plug Type	CCS2 as standard, other options available on request			
Rated Input Voltage	3-Phase 400V ± 15%			
AC Input Current @400V (Amps/phase)	369	461	553	645
Max AC Input Current (Amps/phase)	434	542	650	759
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 375 Amps DC per port			
User Interaction				
Display	8" TFT LCD touch screen			
Charging Cable Length	5m Cable as standard			
Cable Management	Retractable swing arm			
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	IP55			
Cooling	Forced Air			
Dimensions (H x W x D mm)	2338 x 1050 x 956			
Net Weight	590 kg	645 kg	700 kg	755 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)			

PRODUCT DIMENSION

1050

800

2338.2

956

2338.2