OCULAR

DC Atlas
150-180kW

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

SPECIFICATION		
Model Number	IOC150JY2-EE	IOC180JY2-EE
Power		
Rated Power Output	150kW	180kW
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)	230	277
Max AC Input Current (Amps/phase)	271	325
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 250 Amps DC per port	
User Interaction		
Display	8" TFT LCD Touch Screen (IK08)	
Charging Cable Length	5m Cable as standard. Other cable lengths available on request	
Cable Management	Retractable pulley	
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 (Standard size sim), 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)	
Protection Rating	IP55, IK10	
Cooling	Forced Air	
Dimensions (H x W x D mm)	1815 x 1008 x 1028	
Net Weight	425 kg	450 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, eština, Finnish, Chinese, Japanese, Romanian, Thai, Arabic , Turkish	
Warranty	2 Years (Extended warranties available)	

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OPEN CHARGE ALLIANCE

OCPP OPEN CHARGE POINT INTERFACE

PRODUCT DIMENSION