

OCULAR

Roam V2

Portable DC Charger



MAIN FEATURES

Customised Power Modules

20kW, 30kW, 40kW

OCPP Compatibility

OCPP 2.0.1 & OCPP 1.6J compatible

Secure User Identification

Via RFID or Mobile app

Durable & Easy Maintenance

Features independent airduct cooling power module



Transportable with lockable wheels



Plug & Play Charging



OCPP Smart Charging



SPECIFICATION

Model Number	IOCDM10-20-E	IOCDM10-30-E	IOCDM10-40-E
Power			
Rated Power Output	20kW	30kW	40kW
Number of Charging Ports	1		
Charging Plug Type	CCS2 as standard, other options available on request		
Power Plug Type	32 Amp 5-Pin AS/NZ	50 Amp 5-Pin AS/NZ	63 Amp 5-Pin European plug (Supplied with corresponding wall plug)
Rated Input Voltage	+15%/-15%		
Frequency (Hz)	50/60Hz		
AC Input Current @400V (Amps/phase)	31	47	62
Power Factor	≥0.98		
Efficiency	≥0.95		
Output Voltage	150V-1000V DC (vehicle dependent)		
User Interaction			
Display	7" LCD touch screen		
Charging Cable Length	5m Straight Cable		
Power Cable Length	5m Straight Cable		
User Authentication	OCPP mobile app (subscription required), touch screen, RFID		
Communication			
OCPP	OCPP 2.0.1 & OCPP 1.6J full profiles support		
Communication Interfaces	Ethernet, 4G		
General Data			
Ambient Air Temperature for Operation	-30°C ~ +55°C		
Ambient Air Temperature for Storage	-30°C ~ +80°C		
Working Humidity	95% relative humidity, non-condensing		
IP Rating	IP55		
Impact Protection Rating	IK10		
Cooling	Forced Air		
Mounting Type	Portable		
Dimensions (H*W*D) mm	984 x 451.6 x 842.4		
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		
Warranty	2 Years (Extended warranties available)		

Please note, the circuit breaker, cabling and plug that the Roam is connected to needs to be installed and inspected by a licensed electrician prior to use to ensure it is suitable and safe for the maximum current draw required. Failure to do so may result in nuisance tripping of the circuit breaker and/or damage to the circuit and/or charger.

