OCULAR

MAIN FEATURES

7" LED Display with instant feedback
Robust commercial-grade metallic housing
IEC 61851-1 Mode 3 fast charging
Universal Type-2 socket
Charging speeds - 7kW (32A) or 22kW (32A)
Built-in overload and fault current protection
Built-in LED charging status indicator
Built-in RCCB Type-B
IP grade 54 IEC 60529
Full OCPP 1.6J

OCULAR IQ COMMERCIAL SERIES
IOCAW05C-7S / IOCAW05C-22S

Ocular IQ Commercial provides a high quality and cost-effectlve EV charging point designed to offer full Mode 3 fast charging to any EV in Australia.

With OCPP1.6J integration, the charger can be connected to any charging management system for easy operation, monitoring, and maintenance.

01	**OCPP profiles 1:** Firmware Management and Remote Trigger
02	**OCPP profiles 2:** Smart Charging
03	**OCPP profiles 3:** Local Auth List Management and Reservation

OPEN CHARGE ALLIANCE

OPEN CHARGE POINT INTERFACE

ocularcharging.com.au
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1300 912 650

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SPECIFICATION DATASHEET

	Model	IOCAW05C-7S	IOCAW05C-22S
Power Input	Input Rating	1-Phase 230V +/-20%, 32A	3-Phase 400V +/-20%, 32A
	Standby Power	< 5W	
Power Output	Output Rating	7kW 1-Phase, 32A	22kW 3-Phase, 32A
Protection	Internal Residual Current Detection	CE Certified RCCB Type-B	
	Over Current Protection	NA	
	Lightning Protection	NA	
	Energy Meter	MID Certified	
	Electrical Protection	Over current, short circuit, over voltage, under voltage, ground fault, lightning surge, over temperature	
User Interface & Control	Status Indicators	LED light indicating state of charger: charging, faulty, or available	
	Display	7' LCD Display	
	User Authentication	RFID card reader. ISO/IEC 156963 and 14443	
	Buttons/Switches	Physical button for charging connector selection and output current adjustment	
Environmental	Operating Temperature	(-30 C to +50 C) in operation, (-40 C to +70 C) in storage	
	Humidity	5% - 95% without condensation	
	IP Degree of Protection	IP54 off load conforming to IEC 61851-1 IP54 on load conforming to IEC 61851-1	
	IK Degree of Protection	IK10 charging station conforming to IEC 61851-22 IK10 socket-outlet conforming to IEC 61851-22	
Mechanical	Mounting Type	Mounted or Pedestal Options	
	Dimension (W x H x D)	270 x 400 x 130 mm	
	Net Weight	10kg (socket) / 12.4kg (cable)	11.2kg (socket) / 13.8 (cable)
Communication	Network Interface	Ethernet, (2.4G/5G Wi-Fi)	
	OCPP	OCPP 1.6J	
Regulation	Certifcate	IEC/ EN 61851-1, IEC/EN 61851-21-2, IEC/ EN 61000-3	
	Charging Interface	IEC 62196 Type 2 socket with cable lock	

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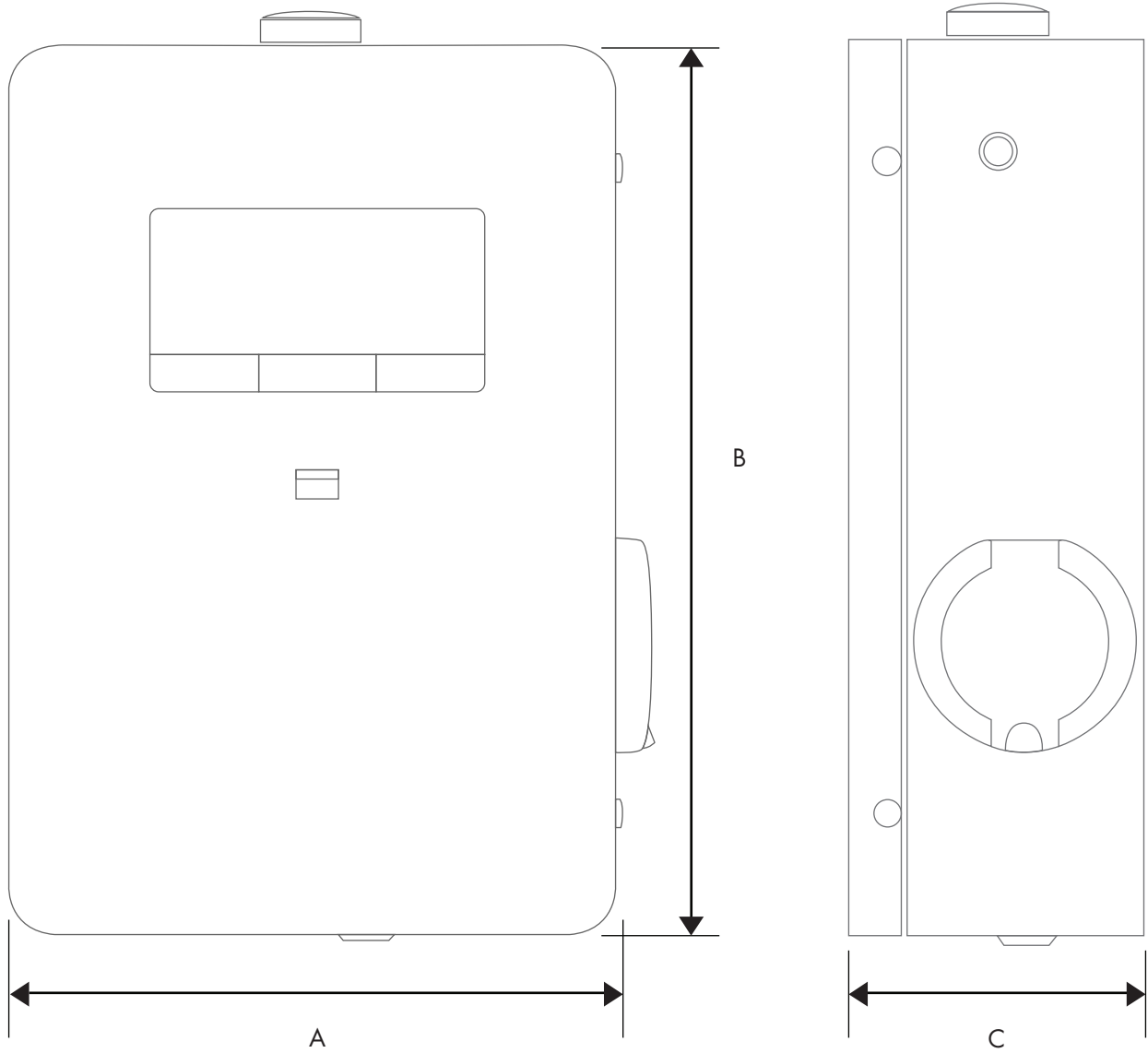
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Size	A	B	C
270 x 400 x 130 mm	270	400	130