

3.6kW AC-AC Smart EV Chargers



1-Phase / 16A / 3.6kW

Electrical Characteristics

Output Power	3.6kW 1 Phase
Output Current	16A
Over Current Protection	40A Supply
Outlets	Dual Port
Charge Mode	Mode 3 (IEC 61851-1)
Nominal Supply – 3 Phases	230/400V, 50 Hz
Charging Power Rating	3.6 kW per port
Over Current Protection	40A Supply
Current Rating	16A
Standby Power Consumption	~3W
Leakage Protection	Built-in ground fault sensor (RMC14 for DC current max 6mA) Internal RCBO (optional)
Supply Connections (1 or 3 Phase)	L1, L2, L3, N, PE 2.5 - 10mm ²

Functional Interfaces

LCD Display	3,5" full colour, 640x480, 30 fps full motion video, active matrix, UV protected
Language Support	Languages supported: English, German, Dutch
MID Meter	Supported/Optional
PTB/Eichrecht Conformity	Pending
Card Reader	RFID ISO 15693, 14443, NFC
Communication Interface	OCPP 1.5/1.6/2.0 (future)
Local Area Network	Ethernet (WiFi as an optional extra)
Wide Area Network	3G GSM, 3G CDMA

Safety and Operational Ratings

EMC Compliance	FCC Part 15 Class A
Operating Temperature	-30°C to +50°C
Operating Humidity	up to 85% @ +50°C non-condensing
Non-Operating Humidity	up to 95% @ +50°C non-condensing

Mechanical Data

Socket	IEC 62196 Type 2, 32A, IP54 hinged lid, locking
Charging Cable	Type 2 according to IEC 62196-1 and IEC 62196-2
Mounting Location	Wall or Column
Dimensions (WxHxD)	286mm x 292mm x 121mm
Weight	<4kg
IP-class / IK-Class	IP65 / IK10
Holster	Optional - Only on tethered version

Compliance

Product Certification	CE
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Part No.

	o 1-Phase/16A/3.6KW, 2 Port AC Cloud Smart
	o Or the same with Energy Meter