Technical Data Sheet

EXICOM 22kW CHARGER(Type-2) 3 Phase

Document History:

Doc. No	Rev. No.	Date	Changes in document	Author
HEXXXXXX	00	Jan 16th,2022	Initial release	Exicom

Know the product:

Exicom 22kW charger provides the best quality yet cost effective EV charging point. It can be trusted with best solutions for EV charging . It is designed to be installed in any public places(urban spaces, shopping centres, airports, road-side market areas) and private usage.Exciting new features are added to the charger for customer convenience.

Key Features:

1. Neutral-Earth Voltage Detection for loose Neutral
2. Earth Open detection alarm
3. Dynamic Load Management upto 12 units
4. WSS socket
5. Integrated MID Meter
6. PEN fault technology
7. Robust for all weather conditions with IP 55 protection
8. Easy installation
9. User-friendly and interactive design for domestic and public applications
10. Compact design

Application:

It can be used for both domestic and public purpose.

General Specifications:

Specification		22 kW
Power Output	Output Voltage Rating	400 VAC (nom) 3-Phase/ L1, L2, L3, N, PE
	Max. Output Current	32A
	Power Rating	22kW
	Charging Mode	3
	Output Socket	Type-2 (IEC 62196-2) (With/Without shutter) Type-1 (SAE J1772) option
	Number of Socket	1
Power Input	Input Voltage	400 VAC (nom) 3-Phase/ L1, L2, L3, N, PE
	Input Voltage Range	340 - 460VAC (L-L)
	Input Frequency	45-65Hz
Protection and Safety	Safety Parameters	Over Current, Over Voltage, Under Voltage, Earth Fault, Surge Protection, Leakage current detection,Short Circuit protection,Ground to Neutral Voltage,Over Temperature
User Interface and Control	Start up	10 seconds to ready
	Display	2.3" inch
	Potential Free Contacts	2x SPDT
	Support Language	English,French,German, Spanish, Chinese, Korean
	User Authentication	Autostart RFID (MIFARE - ISO/IEC 14443A/B) App QR
	Load Management	Set max power or current (1A / 1kW steps) Cluster up to 12 units (dynamic sharing of a limited supply)
	Energy Metering	MID certified class B to EN50470
	Remote access	OTA update
	Positioning	Wifi / cellular (set position on app)
	Time Synchronization	Real Time Clock
	Visual Indication	Presence of supply, State of Charging, Error
Communication	EVSE and EVCC	IEC61851-1 Annex A
	EVSE to CMS(Billing and Payment Service)	Wi-Fi 2.4 GHz (IEEE 802.11 a/b/g, IEEE 802.11 d/e/i/h) 4G LTE (EU) option WSS (Web Socket Secure) OCPP 1.6j OCPP 2.0 (watch the market)
Mechanical	Ingress Protection	IP 55
	Charging Cable Lenght	>5 meter
	Material	Polycarbonate (or ASA - Acrylonitrile Styrene Acrylate)
	Mounting	Std: Wall/Pedestal. Opt: 1 (or 2 back to back) street pillar
	Cooling	Natural air cooling
	Dimension (HxWxD)	546 x 319 x 230 mm
Environmental	Ambient Temperature	-30°C to 60°C (Derating after 55°C till 75°C)
	Ambient Pressure	86 kpa-106 kpa
	Storage Temperature	-30°C to 75°C
	Altitude	upto 2000 meters
	Humidity (Non-Condensing)	5%-95%

Certifications	Safety	IEC 61851-1 Certified
	Other	IEC 61851-21-2 IEC 62196-2 (plugs / sockets) IEC 62955 (6mA DC leakage) TR25:2016 (Singapore)
	Marking	CE (LVD 2014/35/EU, EMCD 2014/30/EU) ROHS 2015/863/EU WEEE 2002/96/EC

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