



POSeidon 22kW



MC CHARGERS

"Your Journey, Our Commitment."

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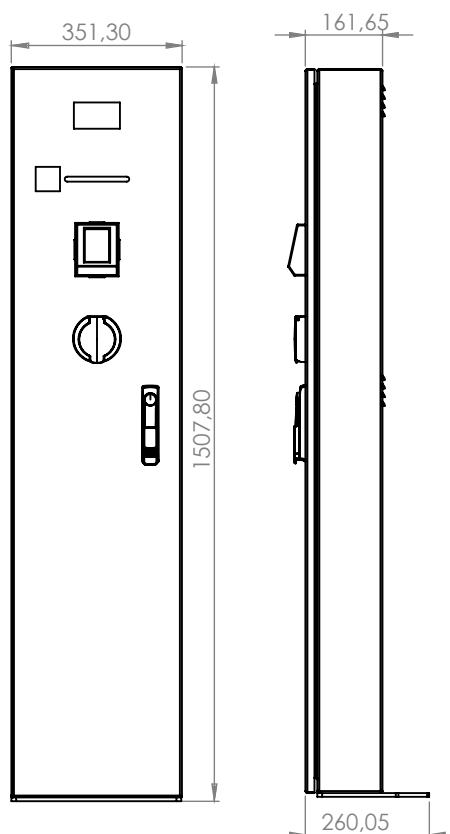
POSeidon 22kW

AC charger with integrated POS terminal

- MID Meter
- SPD Type 2
- RCD Type B
- 4.3" LCD
- WiFi, Ethernet, GSM
- S2W OCPP 1.6 Json
- RFID
- Dynamic Load Management
- Remote Firmware Updates
- MCCB + Industrial Relay 4P

Charging Output:	1 AC
Max. Output Power:	22kW
Display:	LCD 4.3"
Installation:	Ground mounted
Network Connection:	WiFi, Ethernet or GSM
Communication Protocol:	S2W and OCPP 1.6Json

- Easy use, install, upgrade and remote firmware update.
- Compatible with all electric cars on the market.
- Ideal for private installations such as stores, parking, gas station, shopping malls, hotel, points on the national and international roads.
- Electrostatically painted Steel.
- RFID or phone app user identification.
- All protective devices are integrated in the charging station providing an easy, quick, safe and low cost installation.
- Intergrated POS.



POS-22CS

With Type 2 Socket Outlet.

Type 2 socket outlet with protective cap.

How to use it:

- Scan the QR Code on the charger.
- Enter your email.
- Type the desired amount you want to spend, for your charging.
- Swipe your card at the POS.
- Carry on with your tasks while your car charges stress-free.
- Receive your receipt in your e-mail.

Technical Specifications

POSeidon 22kW (POS-22CS & POS-22CG)

AC Input Characteristics	AC Input Voltage	400VAC ± 10%
	Input Type	3P + N + PE
	AC Input Current	32A / phase
	Frequency	50 Hz
AC Output Characteristics	AC Voltage Output	400VAC
	Power	22kW max
	AC Output Current	32 A / phase
Operating Conditions	Operating Temperature	-25°C - +65°C (derating of power above +50°C)
	Storage Temperature	-30oC – +70oC
	Humidity	5% - 95% RH (no condensation)
	Installation Altitude	Up to 2000m
Construction	Enclosure	Electrostatically painted Steel *
	IP Protection	IP55
	Mechanical Impact IK	IK10
	Display	LCD 4,3"
	Charging Mode	Mode 3
	Outputs	Socket outlet Type 2 with protective cap and locker or built in 5m(or 7m) length tethered cable with Type 2 output **
	Charger Dimensions (ground mounted)	350x162x1508mm (width x height x depth)
	Weight	40kg
Electronic Parts	Energy Meter	MID certified 3-phase energy meter
	Protective Devices	RCD (Residual Current Protection) Type B with AC leakage detection 30mA and DC smooth current detection 6mA
		Overcurrent and Short Circuit Detection – Built in Microcircuit Breaker MCB Type C 4P 40A
		Surge Protection SPD Type 2
		Overvoltage (OVP) & Undervoltage (UVP) Protection
		Over Temperature Protection (OTP)
	Ground Loss Detection	
	Communication Protocol	S2W & OCPP 1.6 JSON
	Language Menu	Greek, English
	User Identification	RFID & POS
	Connectivity	WIFI & Ethernet or GSM
Installation	ATEX	Installation outside ATEX zones
	Grid Substation	Not applicable
	Cable Cross Section	5x10mm ² (cable length up to 120m), 5x16mm ² (cable length >120m)
	EN Regulations	IEC EN 61851-1:2017, IEC 61851-21-2:2018, EN 62196-1:2014, EN 62196-2:2016, CE
Certification	Warranty	2 years

* Capability to have anti-corrosion primer, anti-graffiti paint, different metal enclosure (ex, AISI 316L) or branding at the whole surface of the charging station with ground mounted base,

** All models (POS-22CG-7M) are available with 7m length tethered cable.



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Thessaloniki-Gorgopotamou
P.C. 570 22, Thessaloniki Industrial Area Sindos, Greece

t: (+30) 231 60 200 47
e: info@mc-chargers.com
www.mc-chargers.com



Official Distributor: