



PRISMA
2x11kW & 2x22kW



MC CHARGERS

"Your Journey, Our Commitment."

PRISMA 2x11kW & 2x22kW WITH 2 AC

Single-phase and three-phase Public & Commercial charger with two AC charging outputs.

- 2 x MID Meter
- SPD Type 2
- 2 x RCD Type B
- 2 x 4.3" LCD
- WiFi, Ethernet, GSM
- S2W OCPP 1.6 Json
- RFID
- IP55, IK10
- 2 years warranty
- Dynamic Load Management
- Remote Firmware Updates
- Industrial Relay 4P

Charging Output:	2 AC
Max. Output Power:	22kW or 44kW
Display:	2 x LCD 4.3"
Installation:	Ground or Wall mounted
Network Connection:	WiFi, Ethernet or GSM
Communication Protocol:	S2W and OCPP 1.6Json

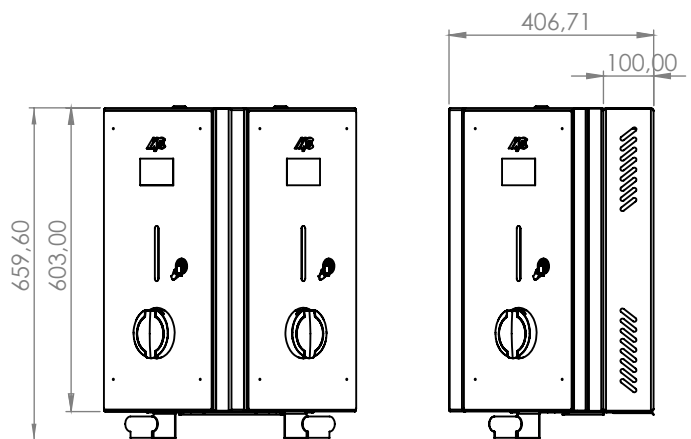
- Easy use, install, upgrade and remote firmware update.
- Compatible with all electric cars on the market.
- Ideal for private installations such as stores, parking, gas station, shopping malls, hotel, points on the national and international roads.
- Electrostatically painted Steel & polycarbonate.
- RFID or phone app user identification.
- All protective devices are integrated in the charging station providing an easy, quick, safe and low cost installation.
- Ability to charge 2 cars simultaneously with 11/22kW each.

PRISMA 2x11CG, 2x22CG



With 5m Mode 3 tethered cable Type 2

2x Built in 5m (or 7m upon order) length, Mode 3, tethered cable with Type 2 outlet for easy and fast connection with the electric vehicle.



PRISMA 2x11CS, 2x22CS



With Type 2 Socket Outlet

2x Type 2 socket outlet with protective cap and locking mechanism.

BASE2x22



Possibility of mounting the PRISMA charger on a pedestal metal base (BASE 2x22).

Technical Specifications

		PRISMA 2x11CS 2x11CG		PRISMA 2x22CS 2x22CG	
AC Input Characteristics	AC Input Voltage	400VAC ± 10%			
	Input Type	3P + N + PE			
	AC Input Current	32A / phase		63A / phase	
	Frequency	50 Hz			
AC Output Characteristics	AC Voltage Output	400VAC			
	Power	22kW max (11kW in each output)		44kW max (22kW in each output)	
	AC Output Current	16A / phase in each output		32A / phase in each output	
Operating Conditions	Operating Temperature	-25°C - +65°C (derating of power above +50°C)			
	Storage Temperature	-40°C - +70°C			
	Humidity	5% - 95% RH (no condensation)			
	Installation Altitude	Up to 2000m			
Construction	Enclosure	Electrostatically painted Steel, Polycarbonate *			
	IP Protection	IP55			
	Mechanical Impact IK	IK10			
	Display	2 x LCD 4,3" (for each output)			
	Charging Mode	Mode 3			
	Outputs	2 outputs – 2xSocket 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)	510x605x1410mm (width x height x depth)			
	Weight	Ground mounted with BASE 2x22	Wall mounted	Ground mounted with BASE 2x22	Wall mounted
		60kg	35kg	60kg	35kg
	Electronic Parts	Energy Meter	MID certified 3-phase energy meter per output		
Protective Devices		Surge Protection SPD Type 2			
		RCD (Residual Current Protection) Type B with AC leakage detection 30mA and DC smooth current detection 6mA for each output (2x RCD Type B)			
		Overvoltage (OVP) & Undervoltage (UVP) Protection			
		Ground Loss Detection			
Overtemperature Protection (OTP)					
Communication Protocol		S2W & OCPP 1.6 JSON			
Language Menu		Greek, English			
User Identification	RFID & phone app				
Connectivity	WIFI & Ethernet or GSM				
Charging	Charging Outlets	Ability to charge 2 vehicles simultaneously to the maximum power of 11kW each output (total 22kW)		Ability to charge 2 vehicles simultaneously to the maximum power of 22kW each output (total 44kW)	
Installation	ATEX	Installation outside ATEX zones			
	Cooling	Forced Air Cooling			
	Grid Substation	Not applicable			
	Cable Cross Section	5x10mm ² (cable length up to 100m), 5x16mm ² (cable length up to 150m)		5x16mm ² (cable length up to 150m), 5x25mm ² (cable length >150m)	
	EN Regulations	LVD 2014/35/EU, IEC EN 61851-1:2017, IEC EN 61851-1:2019 IEC 61851-21-2:2018, EN 62196-1:2014, EN 62196-2:2016, 2014/30/EU, EMC EN 61000, 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 (PRISMA 2x11CG-7m, PRISMA 2x22CG-7m) are available with 7m length tethered cable.



MC CHARGERS

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