



ORION

2x11kW & 2x22kW



MC CHARGERS

"Your Journey, Our Commitment."

ORION 2x11kW & 2x22kW WITH 2 AC

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

- 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
- MCCB + Industrial Relay 4P

Charging Output:	2 AC
Max. Output Power:	22kW or 44kW
Display:	2 x 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.
- Ability to charge 2 cars simultaneously with 11/22kW each.



ORION 2x11CGB, 2x22CGB

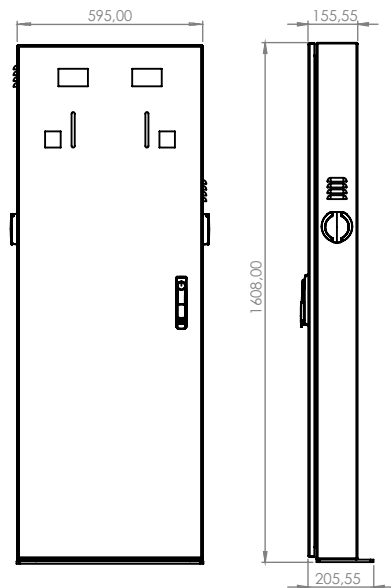
With 5m Mode 3 tethered cable Type 2

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

ORION 2x11CSB, 2x22CSB

With Type 2 Socket Outlet

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



ORION 2x11CGBD, 2x11CSBD, 2x22CGBD, 2x22CSBD



Optional: Ground mounting Base with space to host the Grid's Operator Energy Meter.
1600x287x600mm

Technical Specifications		ORION 2x11CSB 2x11CGB		ORION 2x22CSB 2x22CGB	
AC Input Characteristics	AC Input Voltage	400VAC ± 10%			
	Input Type	3P + N + PE			
	AC Input Current	32A / φάση		63A / φάση	
	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		32 A/ phase in each output	
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	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)	600x1600x130mm (width x height x depth)			
	Weight	With sockets Type 2:	With built-in Type 2 cables:	With sockets Type 2:	With built-in Type 2 cables:
		65kg	71kg	65kg	71kg
Electronic Parts	Energy Meter	MID certified 3-phase energy meter in each 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)			
		Overcurrent and Short Circuit Detection – Built in Microcircuit Breaker MCB Type C 4P 40A per charging output (2x MCB Type C)			
		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			
	Grid Substation	Not applicable			
	Cable Cross Section	5x10mm2(cable length up to 100m), 5x16mm2 (cable length up to 150m)		5x16mm2(cable length up to 150m), 5x25mm2 (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 (**ORION 2x11CGB-7m**, **ORION 2x22CGB-7m**) are available with 7m length tethered cable.



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