

AC Input Characteristics	AC input voltage	400VAC ± 10%
	Input type	3P + N + PE
	AC Input Curren	32A / φάση
	Frequency	50Hz
AC Output Characteristics	AC Output Voltage	400VAC
	Power	22 kW maximum
	AC Output Current	32 A / phase
Ambient Conditions	Operating temperature	-25°C – 50°C
	Storage temperature	-30°C – 70°C
	Humidity	5% – 95% RH (without condensation)
	Installation Altitude	Up to 2000m
Construction	Enclosure	Sheet Metal, Polycarbonate*
	IP rating	IP55
	IK rating	IK10
	Display	LCD 4,3"
	Outputs	Type 2 socket outlet or tethered cable 5m length with Type 2 outlet
	Charger Dimensions	350x162x1508mm
Electrical Parts	Energy Meter	3-phase MID energy
	Protective devices	Residual Current Protection RCD Type B
		Surge Protection SPD Type 2
		Micro Circuit Breaker 4P Type C
		Ground Loss Detection
		Over Temperature Protection (OTP)
	Communication Protocol	S2W & OCPP 1.6 JSON
	Language Menu	Greek, English
	User Authentication	RFID
	Connectivity	WIFI and Ethernet or GSM
Charging Installation	Circuit-Breaker Protection	Grid MCB Type B 4P
	3-phase Phase Grid Power Supply	25kVA –Level 2**
	ATEX	EInstallation outside ATEX zones
	Grid Substation	Not applicable
	Cable Cross Section	5x10mm <sup>2</sup> (cable length up to 120m) 5x16mm <sup>2</sup> (cable length > 120m)
Certification	EN regulations	IEC EN 61851-1:2017 IEC 61851-21-2:2018 EN 62196-1:2014 EN 62196-2:2016
	Accredited Certification Body	DEKRA
	Warranty	2 years

\*Capability to have anti-graffiti paint or different paint and stickers (branding capability) on the enclosure (after order).

\*\* The level of the grid power supply should be calculated each time according to the power consumption of the installation, adding the load of the charger and taking into consideration the coefficient factor. Minimum level of power supply to cover the needs of the charger 25kVA – Level 2 of Grid Operator's power supplies.