

Cylindrical AC Charger

EUNICE

The cylindrical model is a three phase, AC, electric vehicle charger designed and manufactured by Eunice. The model is a stand-alone unit, ideal for parking garages, schools and recreational centers, shopping centers, workplaces, hotels, healthcare facilities and outdoor spaces. The charger complies with all applicable European directives and meets all CE marking requirements. The Company's ISO 9001 certification and internal production control ensures that a quality product is delivered to customers.

A EUNICE
PRODUCT



Benefits

- Wired or Wireless connection for ease of use
- LED status indicators for each socket
- Guidance & Charging session information for each socket on dedicated screen
- Robust anti-vandalism structure
- Round shape for easy blend in with different installation sites
- Weather protected enclosure
- Optional surge protection
- Custom branding available upon request
- Separated access for communication and power compartments

Technical Specifications

Model	Cylindrical AC Charger
Charger type	Level 2/Mode 3
Number of sockets	1 or 2
Power per socket	22kW AC
Type of cables	Type 2 (IEC 62196-2)
Supply	400V AC 3ph+N+PE 50Hz permanently connected
Frequency	50Hz
Rated current	32A per socket
Protection class	IK10/IP55
Protection class against electric shock	Class I
Environmental conditions	Outdoor (IEC 61439-1:2011)
Operating temperature	-25°C to +50°C
Max. Relative Humidity	100% at +25°C
Mounting	Installed on the ground
Ventilation	N/A
Enclosure	Powder Coated Steel
Corrosion Protection	Painting system acc. to ISO 12944-5, Corrosivity category: C4
Dimensions	Diameter: 290mm, Height: 1500mm

Functionalities & Accessories

Charging interface	IEC 61851-1 (standard model), ISO 15118-2 (optional), ISO 15118-20 (future update)
Communication interface (backend)	Ethernet (standard model), Wi-Fi/GSM/3G/4G (optional)
Communication protocol (backend)	OCPP 1.6JSON, OCPP 2.0.1 (future update)
User identification	Contactless RFID Card (MIFARE) & Mobile App via QR code, Plug and Charge (optional)
Energy Metering	MID

Standards, Safety & Certification

Standards	IEC 61851-1/IEC 61851-22/IEC 61851-21-2/EN 17186
CE Directives	Low Voltage Directive: 2014/35/EU Electromagnetic Compatibility: 2014/30/EU Radio: 2014/53/EU Measuring Instruments: 2014/32/EU RoHS II: 2011/65/EU

Equipment for locations with non-restricted access



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EUNICE ENERGY GROUP

Χειμάρρας 5, 15 125 Μαρούσι, Αθήνα

Τηλ: +30 210 3242020, Fax: +30 210 3242023

Eunice Wind Μονάδα Παραγωγής: Ευνίκης 10, Θέση Πάτημα, 19600, Μάνδρα Αττικής, Ελλάδα

info@eunice-group.com

www.eunice-group.com