

TRAPEZIUM (model 2023)

The eNovates public charging systems have become a reference for charging electric vehicles in many countries. Thanks to the large number of practical functions, they allow to set up a reliable charging infrastructure that meets your specific needs, even under the most difficult conditions.

Our attractive and robust charging station with two sockets has an anti-graffiti powder-coated, plate steel casing and offers the highest degree of protection against vandalism, oxidation and weather influences.

eNovates charging stations can be fully adapted to your specific needs. Thanks to its modular design and the remote access capabilities, we ensure that your charging systems can be monitored and maintained with maximum efficiency.



Product highlights

- Manufactured and certified to the current public EV charging's highest standards
- Thanks to the clever design, both the installation costs and efforts are considerably reduced
- Smart selectivity and the extensive Smart Charging Logic obtain the maximum capacity of each power connection and optimally distributes the power over the two sockets
- Ergonomic, durable and corrosion-resistant design
- Sustainability is in our DNA: All used materials are 98% recyclable
- Modular architecture using advanced controller, remotely upgradable software with functions such as OC-PPI.6 (2.0.1 ready), Smart Charging (incl. Intelligent® and Inter-Phase® Smart Charging)

Types and standard specifications

	TRAPEZIUM
Max. power (kW)/per socket	44/22 (*)
Voltage(V)	3 x 400V + N
Max current (A) per charge point	32
Charge points	2x Type 2
User interface	LED's per charge point
Enclosure	Powder-coated steel with anti graffiti coating
Dimensions (H x W x D) in mm	1497 x 450 x 225
Color & branding	RAL colors with custom stickers
Protection rating	IP54 – IK10
Standards and regulations conformity	IEC61851-1 editie3, IEC62196-2, EN60439-1, AREI

(*) Charger can also be used for 22 kW installations with smart charging capabilities.



Options and configuration possibilities

ENCLOSURE AND USER INTERFACE	TRAPEZIUM
Grid connection cabinet (depending on country/region)	Optional
Enclosure with higher corrosion protection	Optional
Anchor for installation in less stable underground	Optional
Branding (different color/logo application)	Optional
Larger enclosure for e.g. French market (1492 x 650 x 250)	Optional
AUTHENTICATION AND CONNECTIVITY PACK	TRAPEZIUM
RFID authentication (multi-protocol)	✓
4G LTE communication	✓
Ethernet interface	✓
Dual socket ISO-15118 module, supporting Plug & Charge and V2G-AC	Optional
SMART CHARGING AND METERING	TRAPEZIUM
Flexible charging per charge point (auto detect between single- or three-phase charging)	✓
Charge controlling (smart power switching/division based on the available input)	✓
MID certified kWh-meter per charge point	✓
MAINTENANCE AND SUPPORT	TRAPEZIUM
Extended warranty (5 Y)	Optional
SOFTWARE	TRAPEZIUM
OCPP 1.6J - Including OCPP 1.6 security whitepaper for TLS (Upgradable to OCPP 2.0.1)	✓
MASTER License - Charge cluster master license to control multiple satellites	Optional

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