ENO public

The all-in-one solution
for smart cities



ENOVATES

DRIVEN BY SMART E-MOBILITY



Visibility and easy integration.

Designed for maximum visibility, flexibility and integration in public environments. The ENO public is available in a compact or extra-large version, for any urban or public location.



Key points

- 2x 22kW charging point
- Trapezoidal housing with natural cable routing
- Powder-coated steel with anti-graffiti finish
- Space for grid operator cabinet, coupling and/or detection loop modules
- Optional screen, payment system or vehicle detection
- Internal energy meter and load balancing support
- Cloud independent smart charging
- ISO15118 ready
- AFIR compliant
- Remotely configurable
- Intensively tested firmware
- Daisychain
- RED certified

A perfect fit

Smart energy infrastructure for cities

The ENO public turns every street into a future-oriented charging station. Optional detection of wrongful parking and expansion options such as solar or battery storage make it suitable for any scenario.

- Easy maintenance via remote management
- Compatible with public APIs and EMS

Strong and reliable

Thanks to its steel construction and industrial-grade components, the ENO public is suitable for long-term use in public environments.

- Up to 22 kW per socket
- Protected against vandalism and weather influences
- Anti-graffiti finish

Core benefits

Ready for the future

ISO15118 ready today

We think ahead, our chargers are prepared for sustainable smart charging via the optional ISO15118 add-on.

Customizable design

Various possibilities for brand design, personalization of the screen.





OCPP

Enovates has full OCPP support for version 1.6, is 2.x ready and can be delivered from the factory with the desired back office already preconfigured.

Load balancing

- Compatible with EMSs
- Active load balancing
- Network smart charging
- Remote load balancing

Highlights

Maximum uptime
Smart charging without worries. Our extensively tested hardware and firmware ensure maximum availability and low maintenance.

Smart design, locally produced
Designed in-house, built by European partners. Customizable, scalable and sustainably engineered.

Open and future-proof
No lock-ins, just open standards. Connect with any platform or backend – ready for ISO 15118, V2G and more.

Innovation backed by experience
Expertise in EV charging since 2010. In-house technology and know- how for professionals and resellers.

ENO public | Technical specifications

General information	
Model	ENO public series
Color	RAL 9003 (white), RAL 7043 (Traffic grey) – other colours and logo options available
Weight	38 kg
Dimensions	1497 x 450 x 225 mm
Enclosure	Powder-coated steel casing with anti-graffiti layer, enclosure with increased corrosion protection in option
Mounting	Ground mounting with optional anchor
Charging features	
Charging mode	Mode 3
Connection type	2x T2 (EU)
Input/output power rating and current	Up to 22 kW/32A per EVSE
Input/output voltage	400V, 50Hz
Network type	TT, TN, IT**
Energy consumption & efficiency	
Standby power consumption	5.8 W minimum (actual values depending on configuration)
Energy meter	MID certified class B meter per EVSE
Max cable cross section	25 mm² solid or stranded wire with ferrules
Environmental conditions	
IP and IK Rating	IP54, IK10
Operating temperature range	-25°C to +55°C
Storage temperature range	-25°C to +70°C
Humidity	100% relative humidity at max. +25°C
Operating altitude	Up to 2000 meters
Environmental conditions & access	Indoor and outdoor use, equipment for locations with non-restricted access
Smart features & connectivity	
Smart charging	Load management, smart charging schedules and smart charging between the different phases
Active load balancing	EMS, Modbus TCP/IP, RS485, direct with coils.
Vehicle detection	Optional hardware module
Bidirectional charging ready (V2G AC)	ISO15118-ready
Charging HUB	Star, daisy chain or remote
Connectivity	4G LTE | Ethernet (RJ45) | Modbus RS485 | Modbus TCP/IP
User interface and status indicator	Multi-color LED interface, with adjustable intensity or optional 3.45" TFT display
Authentication	Plug & Charge, PnC via ISO 15118 (ready), RFID-NFC or via back-office app, AFIR compliant (direct payment)



Security & protection

6 mA DC leakage current detection on each EVSE
Short circuit protection 40A 4P C curve for each EVSE
+ Residual current circuit breaker 300 mA type A CEBEC central and 30mA type A for each EVSE
Temperature and tilt sensors for extra safety
Class I

Certificates & compliance	
Certifications	RED (2014/53/EU) CE, AREI, NEN1010, eLaad 3.0
Standards	IEC 61851-1 (ed. 3), IEC 61851-21-2, EMC class B
Directives	WEEE (2012/19/EU), REACH (EC 1907/2006), RoHS2 (2011/65/EU)
Warranty	2 years

Dealer:

** Not all vehicles support the IT system. In that case, or with 3-phase charging, an isolation transformer is required

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Technical specifications are subject to change without prior notice.