

Waybox 30

Datasheet

Get the best charging experience

Enel X Way Waybox™ 30 is a DC charging station for electric vehicles providing up to 30 kW power for a fast charge. Safe, reliable and equipped with different connectivity options, Enel X Way Waybox™ 30 allows for active user control and a remote assistance service. Enel X Way Waybox™ 30 is applicable to a wide variety of use cases: offices, shopping centers, hotels, business park, residential.



Configurations Enel X Way Waybox™ 30

DC OUTPUT CONNECTORS

CCS2

Intended Use

Private

Charging station installed in a private area, available to a limited group of users, for private charging only.

Public

Charging station installed in a public area or in a private area with public access, open to all types of customers.

Why Enel X Way Waybox™ 30

Reliable

Locking system that prevents unauthorized disconnection of the plugs during charging.

Remote technical assistance service available 7 days a week.

Fully weatherproof enclosure, perfect for outdoor installations.

Intuitive

7" LCD Touch Panel guiding the user through the charging process.

Seamless user experience.

Connected

Real time communication with Enel X Way smart charging platform via 4G, Ethernet, Wi-Fi.

Possibility to manage charging procedure via mobile App and RFID card.

Integration with Enel X Way web dashboards for a complete control of the charging experience, including setting charger parameters and accessing charging history details.

Enel X Way Waybox™ 30 Specifications

Input rating	>	3-Phase / 400Vac (± 10%) / 50-60 Hz
Grid connection	>	TN, TT
Self consumption (idle condition)	>	Active power 220 W, reactive power 199 VAR
Power factor	>	0.998 at 375 Vdc (at 80 Adc), at 30 kW
	>	0.997 at 700 Vdc (at 43 Adc), at 30 kW
Current THD	>	<13%
Efficiency	>	95.01% at 375 Vdc (at 80 Adc), at 30 kW
	>	95.76% at 700 Vdc (at 43 Adc), at 30 kW
Output configuration	>	One output connector: CCS2 (DC)
Output voltage	>	DC CCS2: 200-1000 Vdc
DC output current	>	Up to 80Adc
DC output power	>	30kW max
Charging cable length	>	DC CCS2: 4m
Display	>	7" LCD Touch Panel
RFID reader	>	ISO/IEC 14443 A / B Mifare RFID reader
Connectivity	>	4G, Ethernet, Wi-Fi
Protocol	>	OCPP1.6J
Operating temperature	>	-30°C to 50°C
Altitude	>	Up to 2000 m
Humidity	>	5%-95% no condensation
Dimensions	>	440 x 680 x 285 mm (HxWxD)
Enclosure protection	>	IP55
	>	IK10 (Display IK08)
Emergency button	>	Emergency stop pushbutton
Meter	>	DC meter
	>	AC meter with MID certificate
Installation	>	Wall-mounted or Pole mounted
Acoustic noise	>	72 dBA at 400 Vdc - 75 Adc
Certification	>	CE certification
	>	CB certification