enel way

Waypump 60 S

Datasheet

Get the best fast charging experience

Enel X Way Waypump™ 60 S is a multi-standard DC and AC charging station for electric vehicles providing up to 60 kW of power for a fast charge. Compatible with all the main AC and DC charging standards of the EVs on the market, it provides performance combined with maximum flexibility. Compact, reliable and equipped with different connectivity options, Enel X Way Waypump™ 60 S allows for active user control and a remote assistance service.

Enel X Way Waypump™ 60 S is a perfect solution for commercial buildings, roadsides and anywhere fast charging is needed inside or outsidethe city. The DC outputs allow for one DC charging session at a time, while the AC charging can take place at any time in parallel with DC charging.

162 cm

102 cm

Configurations

DC OUTPUT CONNECTORS	AC OUTPUT CONNECTORS
CCS2 + CHAdeMO	Type 2

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 Waypump 60 S?

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 experiece.

Connected

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

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.

Versatile

Three output standards available (CCS2, CHAdeMO and Type 2), with possibility of charging on DC and AC in parallel.

Product Specifications

Input rating	>	3-Phase / 400Vac (± 10%) / 50Hz-60Hz
Grid connection	>	TN, TT
Self consumption (idle condition)	>	Active power 34,9 W, reactive power 43,2 VAr
Power factor	> >	0.998 at 350 Vdc (at 170 Adc), at 59.5 kW 0.997 at 800 Vdc (at 80 Adc), at 64 kW
Current THD	>	<13%
Efficiency	> >	93.52% at 350 Vdc (at 170 Adc), at 59.5 kW 95.02% at 800 Vdc (at 80 Adc), at 64 kW
Output configuration	>	Three output connectors always present: CCS2 (DC) + CHAdeMO (DC) + Type 2 (AC)
Output voltage	> >	DC CCS2: 200-1000 Vdc DC CHAdeMO: 200-500 Vdc
DC output current	> >	DC CCS2: Up to 200 Adc DC CHAdeMO: Up to 125 Adc
DC output power	> >	DC CCS2: 60 kW max DC CHAdeMO: 50 kW max
AC output current	>	32A max
AC output power	>	22kW max
Charging cable length	> > >	DC CCS2: 5m DC CHAdeMO: 4m AC: 4m
Display	>	7'' LCD Touch Panel
RFID reader	>	ISO/IEC 14443 A / B Mifare RFID reader
Connectivity	>	4G, Ethernet, Wi-Fi (optional), Bluetooth (optional)
Protocol	>	OCPP1.6J
Operating temperature	>	-30°C to +55°C
Altitude	>	Up to 2000 m
Humidity	>	5%-95% no condensation
Dimensions	>	1618 x 1018 x 550 mm (HxWxD)
Enclosure protection	> >	IP54 IK10
Emergency button	>	Emergency stop pushbutton
Meter	> >	DC meter AC meter with MID certificate
Installation	>	Ground mounted
Acoustic noise	>	71 dBA at 480 Vdc - 125 Adc
Certification	> >	CE Certification CB Certification