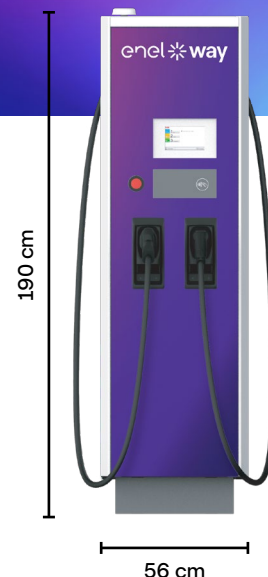


# Waypump 90-120-180 A

Datasheet

## The future of high-power charging

Enel X Way Waypump™ 90-120-180A are multistandard DC charging station for electric vehicles that provides seamless charging experience up to 180kW. Available in three different power output. They are compatible with all the main EVs DC charging standards available on the market. Enel X Way Waypump™ 90-120-180 A allows for parallel DC charging, giving the possibility to charge two vehicles at the same time. High performances, without compromises. Compact, reliable and with different connectivity options, Enel X Way Waypump™ 90-120-180 A offers active user control and remote assistance service.



## Why Enel X Way Waypump™ 90-120-180 A?

### Reliable

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

Remote technical assistance available 7 days a week.

Fully weatherproof enclosure, perfect for outdoor installation.

### Intuitive

7" LCD touchscreen guiding the user through the charging process.

Seamless user experience.

### Connected

Real time communication with Enel X Way smart charging platform via 4G.

Possibility to manage charging procedures via mobile app and rfid card.

Integration with Enel X Way web dashboard gives complete control over the charging process.

### Versatile

Two output configuration with the possibility of DC parallel charging.

## Configurations

Power	Output connectors
90kW	1x CCS2
90kW	1x CCS2 + 1x CHAdeMO
120kW	1x CCS2
120kW	2x CCS2 <sup>(1)</sup>
120kW	1x CCS2 + 1x CHAdeMO <sup>(1)</sup>
120kW + 22kW	1x CCS2 + 1x CHAdeMO + 1x Type 2 <sup>(1)</sup>
180kW	1x CCS2
180kW	2x CCS2 <sup>(1)</sup>
180kW + 22kW	1x CCS2 + 1x CHAdeMO + 1x Type 2 <sup>(1)</sup>

<sup>(1)</sup> Allows for parallel charging

## Product Specifications

<b>Input rating</b>	>	400VAC±10%, 3-Phase, 50/60Hz, L1+L2+L3+N+PE
<b>Power Factor</b>	>	0.96 at nominal output power
<b>Current THD</b>	>	≤4.5% at nominal output power
<b>Efficiency</b>	>	≥95% at nominal output power
<b>Output Configuration</b>	>	See table above
<b>Output voltage</b>	>	150-920VDC
<b>DC Output current</b>	>	200A (400A peak)
<b>DC Output power</b>	>	180kW
	>	120kW
	>	90kW
<b>Power split</b>	>	Simultaneous DC charging possible for two vehicles, see note 1
<b>AC output current</b>	>	Up to 32A
<b>AC output power</b>	>	Up to 22kW
<b>Charging cable length</b>	>	6m
<b>Display</b>	>	7" LCD Touchscreen
<b>Rfid reader</b>	>	RFID reader ISO/IEC 14443 A/B Mifare, NFC
<b>Connectivity</b>	>	4G, Ethernet
<b>Protocol</b>	>	OCPP 1.5/1.6J/2.0
<b>Operating temperature</b>	>	-35°C / +55°C
<b>Humidity</b>	>	20%-95%Rh non-condensing
<b>Dimensions</b>	>	1900x565x880mm (HxWxD)
<b>Weight</b>	>	Approx 395kg (180kW)
<b>Enclosure protection</b>	>	IP55 / IK10
<b>Meter</b>	>	DC PTB compliant (optional)
<b>Installation</b>	>	Ground basement
<b>Certification</b>	>	IEC61851-1 ed3, IEC61851-21-2, IEC61851-23, IEC61851-24, IEC62196-3, IEC61000