

JuicePump® 150

Datasheet



Fast charging at the cutting edge of technology

JuicePump 150 is a multi-standard DC charging station for electric vehicles that provides a seamless charging experience up to 150 kW. Available in two output configurations to suit every need, it is compatible with all the main DC charging standards of the EVs on the market.

JuicePump 150 allows for parallel charging, giving the possibility to charge two vehicles at the same time. High performance, without compromises.

Compact, reliable and equipped with different connectivity options, JuicePump 150 offers active user control and a remote assistance service. The optional of including a UPT payment terminal is also available.

Configurations

OUTPUT CONNECTORS	OPTIONAL
CCS2 + CCS2	UPT payment terminal
CCS2 + CHAdeMO	UPT payment terminal

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 JuicePump 150

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

15" 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 or Wi-Fi (optional)

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

Two output configurations available, with possibility of DC parallel charging and UPT terminal option

Product Specifications

Input rating	>	3-Phase / 400Vac ($\pm 10\%$) / 50Hz-60Hz
Power factor	>	0.98 at nominal output power
Current THD	>	<15% at nominal output power
Efficiency	>	93% at 400 V (max power)
	>	94,6% at 800 V (at 120 kW)
Output configuration	>	Two output connectors, available in two configurations: CCS2 + CCS2 and CCS2 + CHAdeMO
Output voltage	>	CCS2: 1000Vdc
	>	CHAdeMO: 500Vdc
DC output current	>	CCS2: 200A max.
	>	CHAdeMO: 125A max.
DC output power	>	CCS2: 150kW max.
	>	CHAdeMO: 50kW max.
Power split	>	Simultaneous DC charging possible for two vehicles
Charging cable length	>	CCS2 and CHAdeMO: 5m, longer or shorter cables on demand
Display	>	15" LCD Touch Panel
RFID reader	>	RFID reader available
UPT payment	>	UPT available as optional
Connectivity	>	GPRS/3G/4G; Ethernet; Wi-Fi (optional); Bluetooth (optional)
Protocol	>	OCPP1.6J
Operating temperature	>	-25°C to +50°C
Humidity	>	5% - 95%
Dimensions	>	1750 x 740 x 615 mm (HxWxD)
Weight	>	395 kg
Enclosure protection	>	IP54
	>	IK10
Meter*	>	DC meter with PTB approval
	>	AC meter with MID certificate
Installation	>	Ground basement
Certification	>	CE certification
	>	Mess EG certification in progress

The maximum power deliverable in DC by the charging station at any given time is 150kW, also in case of parallel charging.

*Std solution for JuicePump: DC metering. If components shortages could affect delivery, it is possible to switch to AC metering with previous notice and agreed approval