enel x

JuicePump Ultra300
JuicePump Ultra300 Trio
Datasheet

Fast charging at the cutting edge of technology

JuicePump Ultra300 and Ultra300 Trio are multi-standard DC charging stations for electric vehicles that provide a seamless charging experience at up to 300 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 Ultra300 allows for parallel charging, giving the possibility to charge two vehicles at the same time, while the Trio configuration also includes an AC Type 2 connector in either a cable version or a socket version. High performance, without compromises. Compact, reliable and efficient, JuicePump Ultra300 offers active user control and a remote assistance service. The possibility to include a UPT payment terminal is also available as an optional.

CONFIGURATIONS JUICEPUMP ULTRA300

CONFIGURATION	DC OUTPUT CONNECTORS	AC OUTPUT CONNECTORS	OPTIONAL
1	CCScombo2 cooled cable + CCScombo2 cooled cable	Not present	UPT payment terminal
2	CCScombo2 cooled cable + CHAdeMO	Not present	UPT payment terminal

CONFIGURATIONS JUICEPUMP ULTRA300 TRIO

CONFIGURATION	DC OUTPUT CONNECTORS	AC OUTPUT CONNECTORS	OPTIONAL
1	CCScombo2 cooled cable + CCScombo2 cooled cable	Type 2	UPT payment terminal
2	CCScombo2 cooled cable + CHAdeMO	Type 2	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 ULTRA300?

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" screen with 4 buttons guiding the user through the charging process
Seamless user experience

CONNECTED
Real time communication with Enel X smart charging platform via 4G or Ethernet

Possibility to manage charging procedure via mobile App and RFID card

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

VERSATILE
Two outputs available in two configurations, with possibility of DC parallel charging and UPT terminal option

PRODUCT SPECIFICATIONS

Input rating	>	Phase 400Vac (± 10%) / 50Hz (± 5%)
Power factor	>	>0.99 with active PFC correction
Current THD	>	<13% at nominal output power
Efficiency	>	98.86% at 850 V (300 kW) 98,71% at 750 V (300 kW) 97,88% at 750 V (75 kW) 98,08% at 400 V(75 kW) 98,9% at 400 V (200 kW)
Output configuration	>	Two output connectors, available in two configurations: CCScombo2 cooled cable (DC) + CCScombo2 cooled cable (DC) CCScombo2 cooled cable (DC) + CHAdeMO (DC) Possibility of adding an AC output through a Type2 connector (Trio version)
Output voltage	>	CCS: 1000Vdc CHAdeMO: 500Vdc AC 400V
DC output current	>	CCS: 500A max. CHAdeMO: 125A max.
DC output power	>	CCS: 300kW max. CHAdeMO: 50kW max.
AC output current	>	32A max
AC output power	>	22kW max
Power split	>	Simultaneous DC charging possible for two vehicles
Charging cable length	>	5m, 3.5m on demand
Display	>	15" screen with 4 buttons
RFID reader	>	RFID reader available
UPT payment	>	UPT available as optional
Connectivity	>	GPRS/3G/4G Ethernet
Protocol	>	OCPP1.6J
Operating temperature	>	–30°C to +55°C
Relative humidity	>	10% – 90%
Dimensions	>	2185 x 730 x 663 (at base) / 832 (at top) mm (HxDxW)
Enclosure protection	>	IP54 IK10
Meter	>	DC meter with PTB approval (on going) AC meter with MID certificate
Installation	>	Ground basement
Certification	>	CE certification

NOTE: The maximum power deliverable in DC by the charging station at any given time is 300kW, also in case of parallel charging.