

JuicePump



The JuicePump is a multi-standard DC and AC charging station equipped with full smart grid integration, adaptive power and mobile connectivity that allows remote control and maintenance. Able to charge two vehicles at the same time, it is the perfect solution for commercial buildings, roadsides and anywhere fast charging is needed inside or outside the city.

JuicePump offers the following functions:

- Remote control of charging processes
- Real time communication with Control Centre (EMM Platform) via GPRS/UMTS/4G
- Identification and charging authorisation from EMM
- Access to charging procedure via RFID card (ISO/IEC 14443 Type A/B)
- 8" touchscreen display to support the customer in the charging sessions and to provide charging status (kWh and timing)
- Data acquisition and transmission for each charging process and all diagnostic alarms
- Can be integrated into Smart Charging Logics thanks to specific algorithm and advanced smart metering functions
- Multilingual interface customisable for most languages

JuicePump: SPECIFICATIONS

	TRIO	DUO
Output Versions	<ul style="list-style-type: none">> DC Outputs: CCS2 50 kW and CHAdeMO 50 kW max> AC Outputs: Type 2 43 kW (connector) or Type 2 22 kW (socket)> Maximum output power: 95 kW	<ul style="list-style-type: none">> DC version: CCS2 50 kW max and CHAdeMO 50 kW max> CC2+43/22 kW version: CCS2 50 kW and Type 2 43 kW (connector) or 22 kW (socket)> CHAdeMO+43/22 kW version: CHAdeMO 50 kW and Type 2 43 kW (connector) or 22 kW (socket)> Maximum output power: 75 kW
Electrical Characteristics	<ul style="list-style-type: none">> Output: Voltage / Current DC: Max 500 V / 120 A AC: MAX 400 V / 32 A for Type 2 socket AC: MAX 400 V / 63 A for Type 2 connector> Cable length: 3 m	
Weight & Dimensions	<ul style="list-style-type: none">> 0.5 x 1 x 1.8 m (W x D x H)> 510 kg	
Power Supply	<ul style="list-style-type: none">> Input AC voltage: 400 VAC \pm 10%, 50/60 Hz> Input AC connection: 3 P + N + PE	
Technical Characteristics	<ul style="list-style-type: none">> DC line: RCD - Type B 30 mA, MCB - curve B 100 A> AC line: RCD - Type B 30 mA, MCB - C63> 2 MID Smart Meters> TLC Modem (GSM/GPRS/UMTS/4G) with SIM	
Power & Efficiency	<ul style="list-style-type: none">> Efficiency: 95%> Power factor: > 0.97> Idle power dissipation: < 50 W	
Environmental Settings & Protection	<ul style="list-style-type: none">> Operating temperature: -25° C to +50° C> Protection: IP 55> Impact protection: IK 10> Noise while operating: < 65 dB A> Relative humidity: 5% to 95%> Atmospheric pressure: from 860 hPa to 1.060 hPa	
Standards & Certifications	<ul style="list-style-type: none">> CHAdeMO 1.0.1 certified> DIN 70121> IEC 61851-1; IEC 61851-23; IEC 61851-21-2; IEC 62196-1, IEC 62196-2, IEC 62196-3; IEC 60068	
Communication Standards	<ul style="list-style-type: none">> OCPP 1.6 SOAP> Enel proprietary protocol	