enel X way

JuicePump®

Models: 100, 150, 200 kW

Offer flexible and scalable DC fast charging

JuicePump is a flexible DC fast charging (DCFC) solution that offers power levels ranging from 100kW to 200kW. Future-proofing your investment is easy with Enel X stations as they come equipped with both CHAdedMO and CCS type 1 connectors and deliver charging services to a variety of electric vehicles. JuicePump also offers a modular and field-upgradable configuration that minimizes upfront installation costs and matches the evolving requirements of your EV charging infrastructure. Built-to-last, JuicePump meets the need of high-utilization customers from re-fueling stations, to commercial fleets, to public parking.

Take advantage of EV infrastructure incentives and bring JuicePump to your property today:

- Attract more visitors to your business by offering high-speed EV charging
- Configure access and payment settings from the JuiceNet Enterprise smart charging dashboard
- Generate revenue with unattended payment terminal (UPT*) and in-app software payment options
- Invest in a future proof and field upgradable solution
- Installer friendly with compact and modular power unit design that supports up to 200kW per power cabinet

Why JuicePump?

Faster charging

Drivers can charge vehicles up to 80% in under 30 minutes

Eligible for incentives

JuicePump is approved for utility and state-sponsored incentive programs including CALeVIP, MassEVIP and others

Flexible and easy installation

Save on CAPEX with modular and field upgradable DCFC

Public charging network

Join a fast-growing network serving thousands of EV drivers

Universal compatibility*

CCS-1 and CHAdeMO compliance ensures compatibility with all EVs**

Smart charging software

Use the JuiceNet software platform to restrict station access and collect payment

*USA and Canada only

**Tesla requires CHAdeMO adapter

DISPENSER UNIT

Connectors	› Dual CHAdeMO and CCS (Type 1)
Cord Length	› 10.5ft (3,2 m) – CHAdeMO › 11.5ft (3,5 m) – CCS1
Output current	› CCS1 200A › CHAdeMO up to 200A
Output Voltage	› CCS1 200 Vdc to 950 Vdc › CHAdeMO 200 Vdc to 500 Vdc
Output Power	› 100kW, 150 kW, or 200kW depending on the power unit's configuration

Efficiency & Power Factor

	Voltage (Vdc)	Power (kW)	Efficiency	Power factor
100 kW	400	10	87,69%	0,7659
	400	100	94,31%	0,9941
	800	10	88,80%	0,7763
	800	100	94,70%	0,9941
150 kW	400	10	86,54%	0,754
	400	140	92,60%	0,9964
	800	10	87,24%	0,7673
	800	150	92,93%	0,9968
200 kW	400	20	83,69%	0,8959
	400	140	94,50%	0,9955
	800	40	90,13%	0,9629
	800	200	94,72%	0,9976

Total Harmonic Distortion	› < 13%
Enclosure protection	› IP54, NEMA Type 3R
Temperature	› –30°C to 50°C (–31°F to 122°F)
Altitude	› 6000 ft
RFID	› RFID supported with standards: MIFARE ISO/IEC14443A/B, ISO/IEC15693, ISO/IEC 18000–3, FeliCa, NFC, EMV 2.0
Payment	› Optional UPT (universal payment terminal) that supports VISA, AMEX, MasterCard, Apple Pay and Google Pay
JuiceNet Enterprise Software	› Precision measurement of power, energy, voltage & current › Web–based portal: set payment rates and charging hours; monitor charging status and consumption data; control station access; load balancing › Driver app: monitors and pays for charging (iOS & Android) › Read more on the JuiceNet Enterprise datasheet
Weight	› 600lbs / 277 kg
Input Current for Auxiliary Services	› 120VAC–1P @20A 60Hz
Electrical Protection	› Short circuit; Over voltage: RCD
Dimensions	› 2464 mm (97 in) (H) x 559 mm (22 in) (W) x 381 mm (15 in) (D)
Certifications	› ETL (USA and Canada) for UL 2202, UL 2231, UL50E, NEC Article 625, CSA STD C22.2 No. 107.1, CHAdeMO, FCC Class A

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POWER UNIT

Input	› 480 VAC, 3 Phase, +10% / –15%
Input Overvoltage Category	› Category 3
Output Voltage	› 50 to 950V DC
Electrical Output	› Up to 100kW, 150kW, or 200kW
Supply Frequency	› 60 Hz
Temperature	› –30°C to 50°C (–31°F to 122°F)
Enclosure Protection	› IP54, NEMA Type 3R;
Network Connection	› 4G and Gigabit Ethernet
Dimensions	› 2083 mm (82 in) (H) x 1067 mm (42 in) (W) x 889 mm (35 in) (D)
Weight	› 1900lbs / 862kg
Communication Protocol	› OpenADR Certified. OCPP 1.6J with TLS1.2 encryption and Smart Charging Profile

GRID Connection Parameters

Maximum Current	› 150kW: At 480 VAC 3-phase – 198A › 200kW: At 480 VAC 3-phase – 250A
Input Current for Auxiliary Services	› At 120VAC 1-Phase 20A
Overcurrent Protection	› 150kW: UL Listed 250A Breaker for 3-phase 480V, 25A Breaker for 1-phase 120V › 200kW: UL Listed 300A Breaker for 3-phase 480V, 25A Breaker for 1-phase 120V
Maximum Length For Buried Cable for AC Link as Described Above	› 152m (500ft)
Product Warranty	› 2 years

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