

# 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 CHAdeMO 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?

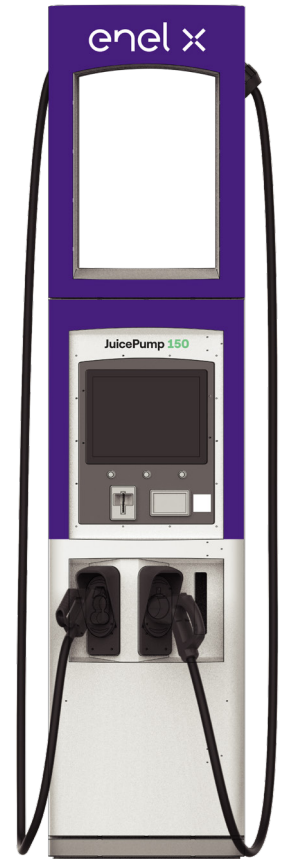
<p><b>Faster charging</b></p> <p>Drivers can charge vehicles up to 80% in under 30 minutes</p>	<p><b>Eligible for incentives</b></p> <p>JuicePump is approved for utility and state-sponsored incentive programs including CALeVIP, MassEVIP and others</p>	<p><b>Flexible and easy installation</b></p> <p>Save on CAPEX with modular and field upgradable DCFC</p>
<p><b>Public charging network</b></p> <p>Join a fast-growing network serving thousands of EV drivers</p>	<p><b>Universal compatibility*</b></p> <p>CCS-1 and CHAdeMO compliance ensures compatibility with all EVs**</p>	<p><b>Smart charging software</b></p> <p>Use the JuiceNet software platform to restrict station access and collect payment</p>

\*USA and Canada only

\*\*Tesla requires CHAdeMO adapter

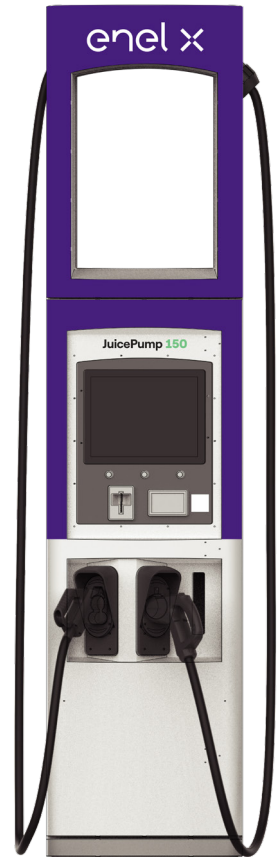
## DISPENSER UNIT

<b>Connectors</b>	<ul style="list-style-type: none"> <li>&gt; Dual CHAdeMO and CCS (Type 1)</li> </ul>			
<b>Cord Length</b>	<ul style="list-style-type: none"> <li>&gt; 10.5ft (3,2 m) - CHAdeMO</li> <li>&gt; 11.5ft (3,5 m) - CCS1</li> </ul>			
<b>Output current</b>	<ul style="list-style-type: none"> <li>&gt; CCS1 200A</li> <li>&gt; CHAdeMO up to 200A</li> </ul>			
<b>Output Voltage</b>	<ul style="list-style-type: none"> <li>&gt; CCS1 200 Vdc to 950 Vdc</li> <li>&gt; CHAdeMO 200 Vdc to 500 Vdc</li> </ul>			
<b>Output Power</b>	<ul style="list-style-type: none"> <li>&gt; 100kW, 150 kW, or 200kW depending on the power unit's configuration</li> </ul>			
<b>Efficiency &amp; Power Factor</b>	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
<b>Total Harmonic Distortion</b>	<ul style="list-style-type: none"> <li>&gt; &lt; 13%</li> </ul>			
<b>Enclosure protection</b>	<ul style="list-style-type: none"> <li>&gt; IP54, NEMA Type 3R</li> </ul>			
<b>Temperature</b>	<ul style="list-style-type: none"> <li>&gt; -30°C to 50°C (-31°F to 122°F)</li> </ul>			
<b>Altitude</b>	<ul style="list-style-type: none"> <li>&gt; 6000 ft</li> </ul>			
<b>RFID</b>	<ul style="list-style-type: none"> <li>&gt; RFID supported with standards: MIFARE ISO/IEC14443A/B, ISO/IEC15693, ISO/IEC 18000-3, FeliCa, NFC, EMV 2.0</li> </ul>			
<b>Payment</b>	<ul style="list-style-type: none"> <li>&gt; Optional UPT (universal payment terminal) that supports VISA, AMEX, MasterCard, Apple Pay and Google Pay</li> </ul>			
<b>JuiceNet Enterprise Software</b>	<ul style="list-style-type: none"> <li>&gt; Precision measurement of power, energy, voltage &amp; current</li> <li>&gt; Web-based portal: set payment rates and charging hours; monitor charging status and consumption data; control station access; load balancing</li> <li>&gt; Driver app: monitors and pays for charging (iOS &amp; Android)</li> <li>&gt; Read more on the JuiceNet Enterprise datasheet</li> </ul>			
<b>Weight</b>	<ul style="list-style-type: none"> <li>&gt; 600lbs / 277 kg</li> </ul>			
<b>Input Current for Auxiliary Services</b>	<ul style="list-style-type: none"> <li>&gt; 120VAC-1P @20A 60Hz</li> </ul>			
<b>Electrical Protection</b>	<ul style="list-style-type: none"> <li>&gt; Short circuit; Over voltage: RCD</li> </ul>			
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>&gt; 2464 mm (97 in) (H) x 559 mm (22 in) (W) x 381 mm (15 in) (D)</li> </ul>			
<b>Certifications</b>	<ul style="list-style-type: none"> <li>&gt; ETL (USA and Canada) for UL 2202, UL 2231, UL50E, NEC Article 625, CSA STD C22.2 No. 107.1, CHAdeMO, FCC Class A</li> </ul>			



## POWER UNIT

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



## GRID Connection Parameters

<b>Maximum Current</b>	> 150kW: At 480 VAC 3-phase - 198A > 200kW: At 480 VAC 3-phase - 250A
<b>Input Current for Auxiliary Services</b>	> At 120VAC 1-Phase 20A
<b>Overcurrent Protection</b>	> 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
<b>Maximum Length For Buried Cable for AC Link as Described Above</b>	> 152m (500ft)
<b>Product Warranty</b>	> 2 years