

# Flex

## 180 kW

**Versatility. Flexibility. Scalability.**

Our most versatile solution, Flex is ideal for charging overnight or opportunity, dynamic or static, one EV or up to three. It's the most flexible fast charging solution available anywhere. With 180 kW of output, this station also knows how to flex its muscles, charging most electric bus and truck batteries in 2-3 hours.

FLEX  
180

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Manufactured and tested in the United States ensuring Buy America Act compliance.



Add up to three charging dispensers per station and configure them to output in sequence, in parallel, or dynamically.



Certified to UL standards and built to last 15+ years with NEMA 3R rated metal enclosures fit for all weather conditions.

All product designs and specifications are subject to change without notice



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# Flex 180 kW



**Versatile:** Flexible EV charging the way you want it. Mix and match up to three DC charging columns, dispenser reels, or inverted pantographs per station, enabling you to make the most out of your available energy.



**Smart:** With the Flex Charge System, you can configure each station to distribute your energy in the method that suits you.

- Sequential : 1 active session @ 180 kW (rotates when full)
- Parallel : Up to 3 active sessions @ 60 kW each
- Dynamic : 1-3 active sessions @ 180 / 120 / 60 kW

96.2%  
Efficiency

## General

Charging standard:	SAE J1772 / SAE J3105-1
Communication standard:	DIN70121 / ISO15118-1/2/3
Compliance and safety:	UL 2202 / UL 2231
Power factor above 50% rated:	>0.98
Peak efficiency:	96.2%
Dielectric withstand:	3000 V
Network cellular:	4G modem
Back office:	OCPP 1.6J, OCPP 2.0.1 ready
Temperature range:	-22 to 113 °F (derating may apply)
Operational noise level:	<60 dB(A) @ 40"
System weight:	1323 lbs.
Dimensions:	H: 99", W: 32", D 32"
Protection	NEMA 3R
Environment operating:	ISO 12944: C4 H

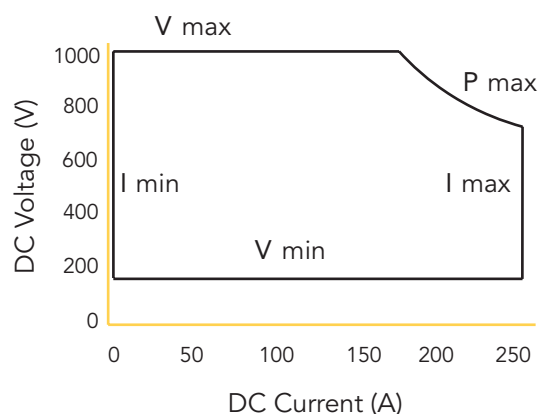
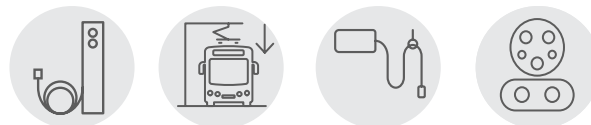
## Input

Input connections, Frequency	480 V / 60 Hz (3P + GND)
Full load / idle input power	205 kVA / 100 VA
Input line-line voltage range:	480 V AC +6/-13%
Input max. AC phase current:	246 A @ 480 V AC

## Output

Output DC voltage range:	150 - 1000 V
Rated DC output power:	Single output: 180 kW Triple outputs: 60 kW (each) Dynamic output: 60 / 120 / 180 kW
Maximum DC output current:	Single output: 250 A Triple outputs: 83 A (each) Dynamic output: 83 / 167 / 250 A

## Interfaces



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