

VELION®

200 kW QUAD, 4 VEHICLE ELECTRIC VEHICLE CHARGING SYSTEM



Shown: 200 kW Power Tower



Shown: Velion Dual EV Charging Dispenser

CHARGE MORE, DISTRIBUTE POWER WITH INTELLIGENCE

The Velion® 200 kW Electric Vehicle Charging System supports up to four charging ports from a single system, helping maximize charger access while optimizing infrastructure investment. With dynamic power balancing, Velion automatically allocates power where it's needed most, improving charger utilization and supporting efficient site operations. Designed for fleet, workplace, and public charging applications, it delivers reliable DC fast charging, flexible scalability, and the trusted performance of Lincoln Electric, backed by NEMA certifications for EVSE manufacturing processes and domestic product content.

With an industry-leading 3-year parts and labor standard warranty and a nationwide service network, with Velion, you're never on your own.

Ready to maximize charging efficiency? Visit lincolnelectric.com/EV-Charging or contact a Velion specialist today.

Charging Type »
DC Fast Charging

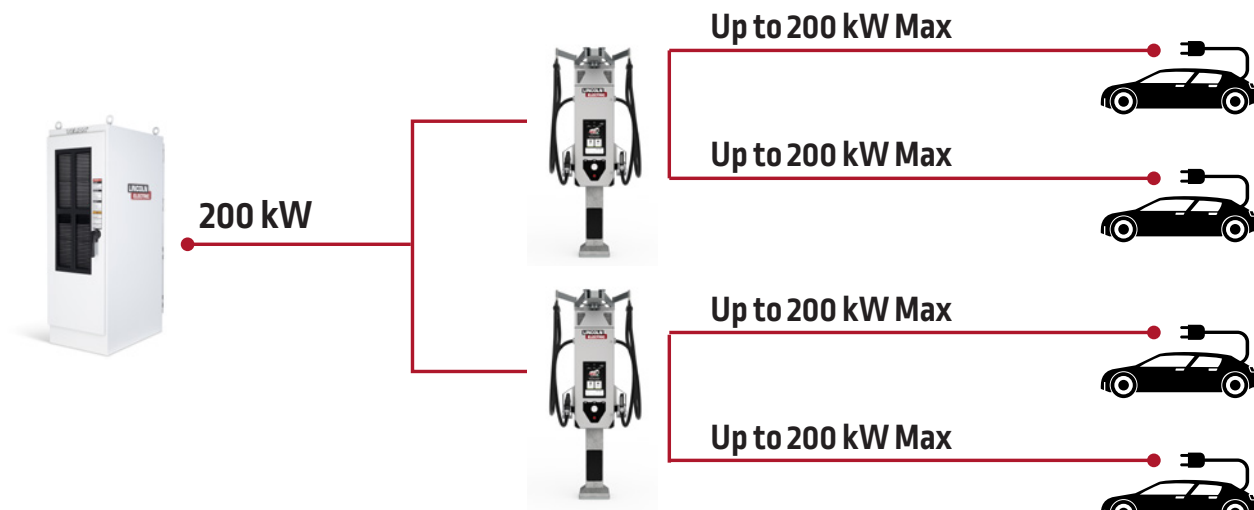
DC Output Voltage »
200-1000V DC

DC Output Current »
Up to 350A

DC Output Power »
Up to 200 kW

Input Voltage »
480V AC +/- 10% (60Hz), 3-Phase,
Protective Earth (UL Model)

Number of Simultaneous Outputs | 4 Granularity



*Lincoln Electric technology advancements allow the dynamic distribution of power in 50 kW increments based on the demand of each vehicle as it is seamlessly connected into Velion DCFC systems.

TECHNICAL SPECIFICATIONS*

Power Tower	
Charging Type	Level 3, DC Fast Charging
Input Voltage	480VAC +/- 10% (60Hz), 3-Phase, Protective Earth (UL Model) (no neutral)
Input Current	260A
DC Output Voltage	200-1000V DC
Output Current	up to 500A
DC Output Power (max)	200 kW
Efficiency (full-load)	>95%
Power Factor (full-load)	> 0.99
THDi	< 5%
Enclosure Rating	NEMA 3R
IK Rating	IK08
Operating Temperature	-30° C to +50° C
Humidity	20 - 95% Rh non-condensing
Mounting	Free Standing Cabinet
Dimensions (per tower)	36 x 24 x 72 in (914 x 609 x 1828 mm)
Weight (per tower)	1200 lbs (454 kg)
Overvoltage Category	III
Protection	Overcurrent, Overvoltage, Ground Fault, Overtemp, Short Circuit, Insulation Monitor, Surge

Dispenser	
Outlet Type	CCS1 or NACS Cables
Wifi	802.11 b/g/n (2.4/5 GHz)
Network Connection	GSM/3G/4G modem;10/100 Base-T Ethernet
Communication	OCPP 2.0.1 and 1.6
Authentication/Payment	RFID, Credit Card Tap to Pay, App
User Interface	15 in. LCD high-contrast Touchscreen
Enclosure Rating	NEMA 3R
IK Rating	IK08
Operating Temperature	-30° C to +50° C
Humidity	20 - 95% Rh Non-condensing
Mounting	Pole-mounted Cabinet
DC Output Current	350A
Usable Cable Length	16.5 ft (5 m)
Dimensions (per pedestal)	18 x 18 x 78 in (457 x 457 x 1981 mm)
Single Arm Dispenser	
Pedestal Weight	340 lbs (155 kg)
Single Arm Weight	60 lbs (28 kg)
Cable Weight	45 lbs (21 kg)
Total Weight (1 Arm)	445 lbs (202 kg) (with Cable Management)
Double Arm Dispenser	
Pedestal Weight	340 lbs (155 kg)
Double Arm Weight	120 lbs (55 kg)
2 Cable Weight	90 lbs (41 kg)
Total Weight (2 arms)	550 lbs (250 kg) (with Cable Management)
System Certification Standards	
Charging System	UL2202, UL2231-1 & 2, SAEJ1772, SAEJ2894, EMC Class A, FCC Part 15
Communication to the EV	DIN 70121, ISO15118-1,2,3,4 & 5

*Product specifications and features are subject to change. Confirm specification prior to purchase.

** 3-year standard parts and service warranty on all Velion devices

Part Number	Description
K6069-1	Velion 200 kW Power Tower-Quad
K6071-1-S-15	Air Cooled Single Cable Dispenser w/CMS (Output Cable not included)
K6071-1-D-15	Air Cooled Dual Cable Dispenser w/CMS (Output Cable not included)
K5933-1-C-16	EV Output Cable, CCS1, 350A, 16.5 ft
K5933-1-N-16	EV Output Cable, NACS, 350A, 16.5 ft

CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, cutting equipment and EV charging systems. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation or application. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

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