

Ford Pro™ DC Charging Station Spec Sheet 120kW Series All in One



General Information



Main Application	Commercial
Type	DC Charging
Mounting	Standalone
Envelope Dimensions (W x D x H)	2.20 x 2.46 x 5.90 ft (0.67 x 0.75 x 1.80m)
Footprint	5.41 sqft (0.50 sq.m)
Weight: lbs (kg)	736lbs (334kg)
Impact Resistance	IK10 (IK08 for ventilation grills)
Warranty	Limited 3 years **
Certification	Energy Star UL2202 CSA 22.2 No. 280-16 NMX-J-677-ANCE-2016

Power



Max Connector Output Current	300A	
Frequency (Hz)	60Hz	
Wiring Type	Hardwired	
Wiring	3ph + N + PE	
Standby Power	78.6W	
Max Output Power	60kW, 120kW	
Output Power to Vehicle	120kW	2x 60kW simultaneously 1x 120kW (sequentially) @ >800Vdc
	60kW	2x 30kW simultaneously 1x 60kW (sequentially) @ >800Vdc
Line to Ground Voltage	120V (+/- 10%)	
Input Current (AC) / (Typ. Breaker Rating)	60 kW - 79A (100A) 120 kW - 155A (200A)	
AC Input voltage	480 UL (3ph + N + PE) ± 10%	

Power Conversion



Power Factor	>0.99
THD	<4%
Output Voltage (VDC)	150-1000 VDC
Efficiency	95%
Safety and Compliance	UL 2202 NEC Article 625 compliant
DC Station Surge Protection	Type 2/Class II in compliance with: UL 1449, CSA C22.2 No. 8-13 and CSA ECN No. 516
EMC Compliance	FCC Part 15 Class A

Connectivity Features



Software Update	OTA updates via web portal (Over the Air)
Network connection	Cellular- 4G LTE Preconfigured (Primary) Wi-Fi - 802.11 b/g/n, (Fallback) Ethernet - *(RJ45, 1GbE CAT 5e) RG45, Fallback
Cloud Communication	Ocpp 1.6J
Web Portal Management	Yes

User Interface



RFID	ISO14443 A/B, MIFARE, Calypso, ISO18092, ISO15693 and more
Charging protocols	2x CCS-1
Cable Length (ft)	20ft Std. (6.1m)
Cable Management	Yes
User interface	10" OLED Touchscreen
Support languages	English and French Canadian

Environment



Maximum Operating Altitude	2000m (6561.68ft) without derating, 3000m (9842.52ft) stops functioning
Temperature Range (Operating)	-22 to +122°F (-30 to +50 °C)
Temperature Range (Storage)	-40 to +140°F (-40 C to 60°C)
Humidity Range (Operating)	4% to 95%
Humidity Range (Storage)	<95%
Enclosure Environmental Protection	NEMA 3R / IP54
Wind Rating	up to 200mph with reinforcements (321.87kph)
Noise (dB)	<65dB at 1m <60dB at 3m



US Customer Support: 800-343-5338
Canadian Customer Support: 800-668-5515

ProCharging@Ford.com



*Chargers are factory pre-configured with cellular connectivity to simplify product connectivity in the field. If a customer installation requires the use of Wi-Fi or Ethernet for cloud connectivity, please contact Ford Pro support at 1-800-34-FLEET to change product connectivity settings.

**Includes parts and on-site labor.

¹The Limited Warranty is being provided by Ford to the person or entity who purchased the Product from Ford ("Buyer") and, subject to the product terms and conditions, covers any defect in the Product which can be directly and exclusively attributed to design, workmanship or material defect of the Product for a period of three (3) years after the Warranty Starting Date. Warranty start date is the date of shipment unless installed at a commercial location by a Ford Pro Designated Installer. If Ford Pro Designated installed, the start date is the earlier of: (i) the date the Product is installed at the Buyer's site; or (ii) the date that is six (6) months after the date the Product is shipped to Buyer. Other conditions apply.

² Technical information subject to change.

