

120kW DCFC Model TP-EVPD-120kW



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Product Number	TP4-120-480	TP5-120-480
Input	480VAC (3P+N+PE)	
Frequency	60Hz	
Output Voltage	150-750VDC	150-1000VDC
Output current	0 to 200A	
FLA Breaker Rating	160A 200A	
Connectors	CCS1 CCS1 and CCS1 CCS1 and CHAdeMO	
Cyclic Charge Mode	CCS1 - 200 A CHAdeMO – 125 A	
Parallel Charge Mode (Optional)	60 kW per port	
Efficiency	≥94% at nominal output power	
Power factor	> 0.98	
Operating Temperature	-22°F to 131°F (-30°C to 55°C)	
Altitude	< 6600' (2000m)	
Working Storage Humidity	≤ 95% RH ≤ 99% RH (Non-condensing)	
Weight	793 lbs. (360kg)	
Display	10" LCD with touch screen	
Access Control	RFID: ISO/IEC 14443A/B Credit Card Reader (Optional)	
Dimensions (L x D x H)	29" x 26.5" x 72"	
Protective Class	NEMA 3S (IP54), IK10	
Power Electronics Cooling	Air cooling fans	
Charging Protocol Standards	Mode 4 - IEC-61851, ISO-15118, DIN 70121 Mode 4 - CHAdeMO 0.9, 1.0	
Metering	DC kWh meter per each connector	
Length of charging cable	16ft (5m), cable management included	
Interface protocol	OCPP 1.6J	
Communication	Ethernet, 4G/Wi-Fi	
Insulation (input-output)	>2.5 kV	
Electrical Safety: GFCI	RCD 20 mA Type A	
Electrical Safety: Surge Protection	20 kA	
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground	
Electrical Safety: Output Short	Output power disabled when output is short circuited	
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics	
Emergency Stop	Emergency Stop Button Disables Output Power	
Regulatory Compliance	UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012	