

# 240kW DCFC TP-EVPD-240kW



**CHARGE TRONIX**

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Product Number	HPC-240-480
Maximum Power	240kW
Output Voltage	150-1000 VDC
Max Output Current	Up to 500A
Input Voltage    Frequency	480V (3P + N + PE)    60Hz
Input Current    Breaker Rating	320A    400A
Power Factor	>0.98
Efficiency	>94% at nominal power output
Connector Options	CCS1; CCS1 and CCS1; CCS1 and CHAdeMO
CCS Cable	500A Liquid Cooled
CHAdeMO Cable	125A (Standard) or 200A
Cycle Mode	1 x 240kW (Max: 500A)
Parallel Mode	2 x 120kW (Max: 300A)
Charging Protocol Standards	Mode 4, IEC-61851, ISO-15118, DIN 70121    Mode 4, CHAdeMO 0.9, 1.0
Connector Cable Length	CCS - 13ft (4m)    CHAdeMO - 16ft (5m), cable management included
Weight	1540 lbs. (700kg)
Dimension (L x D x H)	41" x 37.4" x 90"
Insulation (input — output)	>2.5 kV
Ingress Protection	NEMA 3S (IP54), IK10
Altitude	<6,600ft (2,000m)
Operating Temperature	-30°C to 55°C (-22°F to 131°F)
Working    Storage Humidity	≤ 95% RH    ≤ 99% RH (Non-condensing)
Display	10" touch screen
Communication Protocol	OCPP 1.6J
Access Control	RFID: ISO/IEC 14443A/B    Credit Card Reader Optional
Power Electronics Cooling	Air cooling fans
Regulatory Compliance	UL-2202    EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012
Communication Protocol	Ethernet, 4G/Wi-Fi
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	Disables output power with emergency stop button
Metering	DC kWh meter per each connector