

160kW DCFC TP-EVPD-160kW



CHARGE TRONIX
www.chargetronix.com
+(1)949-694-1644
support@chargetronix.com



Product Number	TP5-160-480	HPC-160-480
Input Voltage	480V (3P + N + PE), 60Hz	
Output Voltage	150–1000 VDC	
Max Output Current	Up to 200A per connector	Up to 400A per connector
FLA Breaker Rating	215A 300A	
Power Factor	>0.98	
Efficiency	>94% at nominal output power	
Connector Options	CCS1 and CCS1 CCS1 and CHAdeMO	CCS1; CCS1 and CCS1, CCS and CHAdeMO
CHAdeMO Cable	125A (Standard) or 200A	
CCS Cable	200A	400A Liquid Cooled
Charging Protocol Standards	Mode 4, IEC-61851, ISO-15118, DIN 70121 Mode 4, CHAdeMO 0.9, 1.0	
Cycle Mode	1 x 160kW (Max: 200A)	1 x 160kW (Max: 400A)
Parallel Mode	2 x 80kW	2 x 80kW
Connector cable length	CCS – 16ft (5m) CHAdeMO – 16ft (5m)	CCS – 13ft (4m); CHAdeMO- CHAdeMO – 16ft (5m)
Cable Management	Included	Included
Weight	880 lbs. (400 kg)	1221 lbs. (550 kg)
Dimensions (L x D x H)	29.5" x 26.5" x 73"	
Insulation (input – output)	>2.5 kV	
Ingress Protection	NEMA 3S (IP54), IK10	
Operating Temperature	-22°F to 131°F (-30°C to 55°C)	
Altitude	< 6600ft (2000m)	
Working Storage Humidity	≤ 95% RH ≤ 99% RH (Non-condensing)	
Display	10" LCD touch screen	
Communication Protocol	Ethernet, 4G/WiFi OCPP 1.6J	
Access Control	RFID: ISO/IEC 14443A/B Credit Card Reader (Optional)	
Metering	DC kWh meter per each connector	
Power Electronics Cooling	Air cooling fans	
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	
Regulatory Compliance	UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012	