

# 180kW High Power DCFC



PRODUCT NUMBER	TP5-180-480	HPC-180-480
MAXIMUM POWER	180 kW	
OUTPUT VOLTAGE	150 – 1000 VDC	
MAX OUTPUT CURRENT	up to 200A	up to 500A
INPUT VOLTAGE   FREQUENCY	480V (3P + N + PE)    60 Hz	
INPUT CURRENT   BREAKER RATING	240A    300A	
POWER FACTOR	>0.98	
EFFICIENCY	>94%	
CONNECTOR OPTIONS	CCS1 and CCS1	CCS1 CCS1 and CCS1
CCS CABLE	200A	500A Liquid Cooled
CYCLE MODE	1 x 180kW (Max: 200A)	1 x 180kW (Max: 450A)
PARALLEL MODE	2 x 90kW (Max: 200A)	2 x 90kW (Max: 250A)
CONNECTOR CABLE LENGTH	CCS1 - 13 ft (4 m)	
WEIGHT	880 lbs (400 kg)	950 lbs (430 kg)
DIMENSIONS (L X D X H)	29.5" x 26.5" x 73"	
CHARGING PROTOCOL STANDARDS	Mode 4, IEC-61851, ISO-15118, DIN 70121 Mode 4	
INSULATION (INPUT – OUTPUT)	>2.5 kV	
INGRESS PROTECTION	NEMA 3S, IK10	
OPERATING TEMPERATURE	-22 deg F to 131 deg F (-30 deg C to 55 deg C)	
ALTITUDE	< 6600ft (2000m)	
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 Optional	
POWER ELECTRONICS COOLING	Air Cooled	
REGULATORY COMPLIANCE	UL-2202    EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012	
COMMUNICATION	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	



\*The product image shown is for illustration purposes only and may not be an exact representation of the product.

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