

# Modular HPC System: 100, 150, 200 kW

PARAMETERS	POWER ENGINE CABINET MODEL		
	MODEL Number EVPC-200-2-480		
	PRODUCT Number		
	HPCT-100-480-2	HPCT-150-480-2	HPCT-200-480-2
Power Rating	100 kW	150 kW	200 kW
Number of Power Engines	2	3	4
Input Power	480VAC-3P@132A	480VAC-3P@198A	480VAC-3P@264A
Input Power AC Current (FLA)	132 A	198 A	264 A
Power Stage Efficiency Rating	> 92% (Full Load)		
Max. Out DC Current up to 920 VDC	108 A	162 A	216 A
Max. Out DC Current up to 500 VDC	250 A	375 A	500 A
Max. Output DC Voltage	50 - 950 VDC		
Max # of Dispensers	2	2	2
Dimension & Weight	42"W x 35"D x 82"H, 1900 lbs		

PARAMETERS	DISPENSER MODEL					
	MODEL Number EVDSP-50-5-120-0-2-C-4-0					
	PRODUCT Number					
	HPCD1-125		HPCD1-200		HPCD1-350	
Connectors	SAE CCS1	CHAdEMO	SAE CCS1	CHAdEMO	SAE CCS1 (Liquid Cooled)	CHAdEMO
Rated Output Current	125 A	125 A	200 A	200 A	350 A	200 A
Max DC Voltage (VDC)	500 V	500 V	950 V	500 V	950 V	500 V
Output Power	50 kW max		200 kW max		350 kW max	
Input Power (Auxiliary)	120 VAC					
Input Current (Auxiliary)	10 A FLA				21 A FLA	
Breaker Size	20 A				30 A	
Network	OCPP 1.5/1.6, BTCP Network					
Dimension & Weight	22"W x 15"D x 97"H, 600 lbs					

ENVIRONMENTAL AND COMPLIANCE (SYSTEM)	
Ambient Condition	-30 °C to +50 °C, 95% Humidity, 6000 ft Altitude. NEMA 3R
Safety Compliance	ETL Listed for USA and Canada: Complies with UL 2202, UL 2231, UL50E, NEC Article 625, CSA STD C22.2 No. 107.1 FCC Part 15 Class A

## ▶ STANDARD

- Dynamic Power Allocation in 50kW increments
- System available in 1 or 2-dispenser configuration
- Payment types: CC, RFID (OCPP Network Enabled)
- 15" Outdoor Color Display
- Connector Configuration:
  - SAE J1772 Combo CCS1 and CHAdEMO

## ▶ OPTIONAL

- ISO 15118:2014
- Customizable Backlit Acrylic Topper
- Apple & Android Pay (based on network provider)
- Connector Configurations:
  - Dual SAE J1772 Combo CCS1
  - Single CHAdEMO
  - Single SAE J1772 Combo CCS1



# BTC POWER

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