

BTC POWER

360kW

DC Charging Split System

Dynamic Power
Allocation for
Fast Charging



360kW Split System

Power Engine Cabinet Model

SKU	HPCT2-180-480-2	HPCT2-240-480-2	HPCT2-360-480-2
Power Rating	180 kW	240 kW	360 kW
Number of Power Engines	6	8	12
Input Voltage Range	480 VAC, 3 Phase, +10% / -15%	480 VAC, 3 Phase, +10% / -15%	480 VAC, 3 Phase, +10% / -15%
Input Current @ 480 VAC	239 A	320 A	466 A
Power Factor	> 0.99 full load	> 0.99 full load	> 0.99 full load
Efficiency	> 94%	> 94%	> 94%
Max. Out DC Current (Per Channel)	500 A	500 A	500 A
Max. Output DC Voltage	200 - 950 VDC	200 - 950 VDC	200 - 950 VDC
Max # of Dispensers	2	2	2
Dimension & Weight	30"W x 34.5"D x 93" H, 1,655 lbs	30"W x 34.5"D x 93" H, 1,655 lbs	30"W x 34.5"D x 93" H, 1,655 lbs

Dispenser Model

SKU	HPCD1-350-01-003		HPCD1-350-02-003	
Connectors	CHAdEMO	SAE CCS1 (Liquid Cooled)	SAE CCS1 (Liquid Cooled)	SAE CCS1 (Liquid Cooled)
Rated Output Current	200 A	350 A (500 A Boost)	350 A (500 A Boost)	350 A (500 A Boost)
Max DC Voltage (VDC)	500 V	950 V	950 V	950 V
Output Power	350kW Max			
Input Power (Auxiliary)	120 VAC			
Input Current (Auxiliary)	21 A (FLA)			
Breaker Size	30 A			
Network	OPP 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 90kW increments
- System available in 1 or 2-dispenser configuration
- Payment types: CC, RFID (OCPP Network Enabled)
- 15" Outdoor Color Display
- Connector Configuration:
 - Dual CCS1
 - CHAdEMO and CCS1

Optional

- ISO 15118:2014
- Customizable Backlit Acrylic Topper
- Apple & Android Pay (based on network provider)