BTC POWER

BUY AMERICA COMPLIANT: Split System

Innovative • Electric • Mobility

BUY AMERICA COMPLIANT

Buy America - Gen 4 Public Dispenser

Gen 4 360 kW Power Cabinet
Powers in 90kW increments

Up to 500 feet away from dispensers

Cable Retraction with
15 ft Cable

Liquid Cooled Cables
for Increased Amperage
and Faster Charge Times

15" Touch Panel
RFID and
Credit Card (Options)

Serviceable
By Design
Front Door Access

Lightweight
Internal Components
Maintenance can be
Managed by a Single Person

92.4" H

CCS1, CHAdeMO,
and NACS
Connector Options
Simultaneous Charge

ADA Compliant

18.5" D

23" W

BUY AMERICA COMPLIANT

Gen 4 Public Dispenser Split System

Gen 4 Public Dispenser

SKU	HPCD7-500-D01-016		HPCD7-500-S05-016	HPCD7-450-D02-016	
Connectors	CHAdeMO	SAE CCS1 (Liquid Cooled)	SAE CCS1 (Liquid Cooled)	SAE CCS1 (Liquid Cooled)	SAE CCS1 (Liquid Cooled)
Max DC Output Current Per Channel	200 A	500 A	500 A	450/500 A*	450/500 A*
Max DC Voltage (VDC)	500 V	950 V	950 V	950 V	950 V
Output Power	350 kW Max				
Input Power (Auxiliary)	480 VAC Split Phase				
Input Current (Auxiliary)	7 A				
Network	OCPP 1.6 (2.0.1 Ready)				
Dimension & Weight	23" W x 18.5" D x 92.4" H, 1,100 lbs				

Gen 4 360 kW Power Cabinet

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%, 60Hz +/-10%		
Input Current @ 480 VAC	239 A	320 A	466 A
Breaker Size	300 A	400 A	600 A
Power Factor	> 0.99 full load (Compliant with IEEE 519-2022)		
Efficiency	> 94%		
Max DC Output Current Per Channel	540 A		
Max DC Voltage (VDC)	200 - 950 VDC		
Max # of Dispensers	2		

Environmental and Compliance (System)

Ambient Condition	-30 °C to +50 °C, 95% Humidity, 2000m 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

Features

Standard	Optional
Dynamic Power Allocation in 90 kW increments	ISO 15118:2014
System available in 1 or 2-dispenser configuration	Customizable branding
Payment types: RFID	Apple & Android Pay (based on network provider)
15" Outdoor color touch display	Payter CC Reader
Connector configurations:	
Single or Dual	
CHAdeMO, CCS1, and/or NACS	
CTEP Certified	