

BTC POWER

Gen 4 Public Dispenser

Innovative • Electric • Mobility

Gen 4 Public Dispenser

Dispenser Product Specifications

Connectors	CCS1, J3400 (NACS)
Max DC Output Current Per Channel	350 A (Non-Cooled) or 450/500 A* (Liquid Cooled)
Max DC Voltage (VDC)	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
Dimension & Weight	23" W x 18.5" D x 92.4" H, 1,100 lbs

360 kW Power Cabinet Specifications

Power Rating	180 - 360 kW
Number of Power Engines	6 - 12
Input Voltage Range	480 VAC, 3 Phase, +10% / -15%, 60Hz +/-10%
Input Current @ 480 VAC	239 A - 466 A
Breaker Size	300 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
Dimensions	30"W x 34.5"D x 93" H, 1,446 lbs

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

*450 A Dual Output Rating at 50° C



CTEP Certified



Gen 4 360 kW Power Cabinet
Powers in 90 kW 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 with
Front Door Access**

*Lightweight
internal components
maintenance can be
managed by a
single person*

92.4" H

**CCS1 / NACS
Connector Options
Simultaneous Charge**



ADA Compliant









18.5" D

23" W

**Configuration Shown:
1 Dual Port CCS1/NACS Gen 4 Dispenser,
1 Gen 4 360 kW Power Cabinet*

Service Offerings



Parts Warranty	Standard	Extension Plans
Coverage Options	2 Years (included)	3 Years (+1 yr) or 5 Years (+3 yr)

Remote Support	Basic Remote	Enhanced Remote Support
Coverage Term Options	2 (included), 3 or 5 years	2, 3 or 5 Years
Triage Average Remote Support Response Time ¹	Next Business Day (NBD)	6 Business Hours
Triage Remote Support Response Business Hours	Monday-Friday 5AM-5PM PST	7 Days / week, 5AM-5PM PST
Access to any applicable software/firmware updates		
Salesforce Community Portal ²		
Access to EVPump Portal ³		
Technician Help Desk	Covered (4AM-9PM PST) 7 Days a Week	Covered (4AM-9PM PST) 7 Days a Week
Proactive Monitoring by BTC		

1. Triage includes Remote Resolution or Scope of Work Creation, Access to Service Work Instructions, and Recommended Parts List and Tools Needed

2. 2 Users (+1 for every 100 chargers covered)

3. 2 Users (+1 for every 100 chargers covered) - Self Monitoring

Labor Contract ¹	Basic Labor	Enhanced ²	Critical Labor ³	NEVI Labor ⁴
Coverage Options	2, 3, or 5 Years	2, 3, or 5 Years	2, 3, or 5 Years	5 Years
On site Labor for Covered Service				
Travel and Expenses				
Average On-Site Response Time	NBD +4 Business Days	NBD +3 Business Days	NBD +1 Business Day	
Field Support Business Days	Monday-Friday	Monday-Friday	Monday-Saturday	7 Days/Week
Non-Covered Services	Time and Material			

1. Labor is not included/must be purchased

2. For Enhanced Labor, must have Enhanced Remote Support

3. For Critical Labor, must have Enhanced Remote Support

4. For NEVI Labor, must have Enhanced Remote Support

Use Cases & Applications



Hospitality



Fleet



CPO



Fuel Stations



Retail



OEM





BTC POWER

BTC POWER is a leading manufacturer of electric vehicle charging systems in North America. BTC POWER's product portfolio consists of both DC and AC charging systems with power ranges from 7.2 kW to 360 kW. With over 25,000 charging systems sold worldwide, BTC POWER's DC Fast Chargers and AC Chargers serve Charge Point Operators, Oil & Gas, Convenience Stores, Retail Centers, Fleet Operators, and more.



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Buy America Compliant

BTC POWER's U.S. manufacturing capabilities are expected to comply with "Buy America" standards established by the Federal Highway Administration ("FHWA"), Federal Transit Administration ("FTA"), and Infrastructure Investment and Jobs Act ("IIJA").



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