

BTC POWER

BUY AMERICA COMPLIANT: All-in-One

Innovative • Electric • Mobility



Buy America - Gen 4 All-in-One

BTC POWER

Liquid Cooled Cables for Increased Amperage and Faster Charge Times

500A Continuous Charging
Serve More Customers in Less Time
Ready for Future EV Requirements

15" Standard, 32" Optional Customizable Touchscreen

Optimize Signage
Advertise Price Promotions

CCS1, CHAdeMO, and NACS Connector Options



Serviceable By Design
Front and Side Door Access

Lightweight Internal Components
Maintenance can be Managed by Single Person

87.5" H

Retractable 15.4 ft Charging Cables

Minimize Cable Wear and Damage
Improve Customer Experience

Temperature Range
-22°F to 122°F
(-30°C to 50°C)

Simultaneous Charging

Service up to 2 Vehicles at a Time

Credit Card and RFID Payment Options

ADA Compliant

52.5" W

32.2" D



*Configuration Shown:
1 Dual Port CCS1/NACS,
32" Screen All-in-One

Gen 4 All-in-One: 120, 150, 180 kW

Charging - Output Specifications

| CCS-1 - DC Charging | L3A - 120 | L3A - 150 | L3A - 180 |
|----------------------|---------------|-----------|-----------|
| Max Power Rating | 120 kW | 150 kW | 180 kW |
| Output Voltage Range | 200 – 920 VDC | | |
| Output Current | 200 A | 500 A | 500 A |
| Cable Length | 15.4 or 18 ft | | |

| CHAdeMO - DC Charging | |
|-----------------------|---------------|
| Max Power Rating | 100 kW |
| Output Voltage Range | 200 – 500 VDC |
| Output Current | 200 A |
| Cable Length | 13 ft |

System Specifications

| General System Specifications | |
|-------------------------------|---|
| Efficiency | > 94% |
| Power Factor | > 0.99 full load |
| Humidity | 95% non-condensing |
| Operating Temperature | -22°F to 122°F, (-30°C to 50°C) |
| Altitude | Up to 6,000 ft |
| Protection Rating | NEMA 3R |
| Dimensions (WxDxH) | 32.3" W x 30.3" D x 86.1" H (Footprint) |
| Weight | ~1544 lbs |

| AC Input - Grid Connection | |
|----------------------------|-------------------------------|
| AC Connection | AC 3-phase L1, L2, L3, PE |
| Input Voltage | 480 VAC, 3 Phase, +10% / -15% |
| Frequency | 47 – 63 Hz |
| Input Current Rating | 158 A 190 A 238 A |

| Connectivity | |
|---------------|-------------------------|
| Communication | LAN · Cellular |
| Protocol | OCPP 1.6J (2.0.1 Ready) |

Certifications, Safety, and EMC Standards

- UL STD 2022, 2231
- CSA STD C22.2 NO. 107.1
- FCC Part 15 Class A
- CTEP Certified

Key Features

- CCS1 / CHAdeMO / NACS Connector Options
- Simultaneous Charging
- Liquid Cooled Cables for 500A Continuous Charging
- 15" or 32" Touchscreen
- Credit Card and RFID Payment Options
- Modular System for Future Upgrades
- Integrated Cord Retraction
- ISO 15118 Certified

