

360kW - Level 3

DC Charging Split System

Dynamic power allocation for fast charging

200, 350A Dispenser

Level 3 DC Fast Chargers bypass slower on-board chargers, providing DC power directly to the battery, greatly increasing the charging speed. DC fast charging is essential for high mileage/long distance driving and fleets. Charges in as little as 10-15 minutes.

KEY FEATURES - DISPENSER

- 200 to 950 max DC voltage
- Requires the HPCT Gen4 Power Cabinet
- Credit card and/or RFID payment options
- SAE Combo CCS1 and CHAdeMO

✓ **NEVI Compliant**

HPCT Power Cabinet

360kW Power Cabinet is part of the modular, flexible, efficient, and highly serviceable Gen4 split system product line. Paired with a dispenser this power cabinet has the ability to output up to 360kW to a single vehicle. An industry-first with Dynamic Power Allocation (ability to share power across multiple output simultaneously) and improved capability with the Gen4 Power Cabinet. With class-leading size and power density the Gen4 Power Cabinet can turn any space into a high-power charging station.

KEY FEATURES - POWER CABINET

- Simultaneous charging utilizing Dynamic Power Allocation technology
- Up to 360kW
- Up to 500A max current per output (2x 500A simultaneously)
- Wide output voltage range 200 to 950VDC
- Pairs with dispenser for multiple flexible system configurations



Level 3 Charger and Power Cabinet



Contact a SimplyFuel Solutions consultant for the options that best fit your needs.

Specifications

Power Engine 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%	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
Dimensions Weight	30 x 34.5 x 93 in. (WxDxH) 1,655 lbs.	30 x 34.5 x 93 in. (WxDxH) 1,655 lbs.	30 x 34.5 x 93 in. (WxDxH) 1,655 lbs.

Dispenser				
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			
Dimensions Weight	22 x 15 x 97 in. (WxDxH) 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 ISO 15118:2014

Options

Customizable back-lit acrylic topper
Apple & Android Pay (based on network provider)

Standard

Dynamic Power Allocation in 90kW increments
System available in one or two dispenser configuration
Payment types: CC, RFID (for OCPP network enabled)
15 in. Outdoor color display

Contact

www.simplyfuelsolutions/connect/