

Level 3 Split System 360 kW

Gen 4 Fleet Dispenser

Dynamic Power Sharing for DC Charging Fleets

Best-in-Class EV Charging Station Performance

Designed for the fleet customer, sequential charging is available at the dispenser level. With two vehicles plugged into one dispenser, the second vehicle begins charging after the first vehicle is complete. This offers the ability of up to eight vehicles being charged unattended on a single 360 kW Power Cabinet / four Dispenser system.

Charge Eight Vehicles Unattended

With the four channel system, fleets can now charge up to eight vehicles unattended at a time with sequential charging. With uptimes being crucial in a fleet environment, this ensures maximum charging for optimal vehicle usage. Up to four vehicles will charge simultaneously, while up to four will sit in queue and charge sequentially, allowing up to eight vehicles to charge unattended.

Single Tower, Four Dispenser System

In the single tower / four dispenser system, the dispensers are split into two groups of two. Each group can output a total of 180 kW. When the charging is complete, the charge sequences to the next vehicle plugged in and charges on its own. The infrastructure is simplified because only one 600 A 480 VAC breaker is needed.

KEY FEATURES

- Charge up to 8 vehicles unattended
- Only one 600 A 480 VAC breaker needed
- ADA Compliant



Options

- Single CCS1 connector
- Single or dual cables
- Cable retraction system
- CC and PnC payment options

Specifications

Dispenser

| SKU | HPCD8-350-02-715 | | HPCD8-350-05-715 |
|------------------------------------|---|----------|----------------------------|
| | Sequential | | Single Output |
| Connectors | SAE CCS1 | SAE CCS1 | SAE CCS1 |
| Max. DC Output Current Per Channel | 350 A | 350 A | 350 A |
| Max DC Voltage (VDC) | 950 V | 950 V | 950 V |
| Input Power (Auxiliary) | 480 VAC Split Phase | | |
| Input Current (Auxiliary) | 5 A | | |
| Network | OCPP 1.6 (OCPP 2.0.1 available in future) | | |
| Dimensions & Weight | 32 W x 15 D x 60H, 370 lbs | | 32 W x 15 D x 60H, 320 lbs |

360kW Power Cabinet

| SKU | HPCT2-240-480-2 | HPCT2-360-480-2 | HPCT3-240-480-4 | HPCT3-360-480-4 |
|------------------------------------|---|-----------------|-----------------|-----------------|
| Power Rating | 240 kW | 360 kW | 240 kW | 360 kW |
| Number of DC Outputs | 2 | 2 | 4 | 4 |
| Input Voltage Range | 480 VAC, 3 Phase, +10% / -15%, 60Hz +/-10% | | | |
| Input Current @ 480 VAC | 320 A | 466 A | 320 A | 466 A |
| Breaker Size | 400 A | 600 A | 400 A | 600 A |
| Power Factor | > 0.99 full load (Compliant with IEEE 519-2022) | | | |
| Efficiency | > 94% | | | |
| Max Power/ Output | 240 kW | 360 kW | 240 kW | 360 kW |
| Max. DC Output Current Per Channel | 500 A | | 500 A | |
| DC Voltage Range | 200 - 950 VDC | | | |
| Dimensions WxDxH | 30 x 34.5 x 93 | 30 x 34.5 x 93 | 30 x 34.5 x 93 | 30 x 34.5 x 93 |
| Weight | 1,556 lbs | 1,655 lbs | 1,600 lbs | 1,700 lbs |

Environmental and Compliance (System)

| | |
|-------------------|--|
| Ambient Condition | -30 °C to +50 °C, 95% Humidity (Non-Condensing), 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 |

Contact

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