



# 1440 kW

CAMBER  
CHARGING  
SYSTEMS

## PURPOSE-BUILT CHARGING HARDWARE

Designed specifically to support large, electric fleets, the Camber 1440 kW Charging System is highly configurable and can support up to 24 vehicles.

Remote dispensers and dynamic power sharing create significant cost savings and a smaller system footprint.

## COMPATIBLE CONNECTIONS

UNIVERSAL  
PLUG-IN



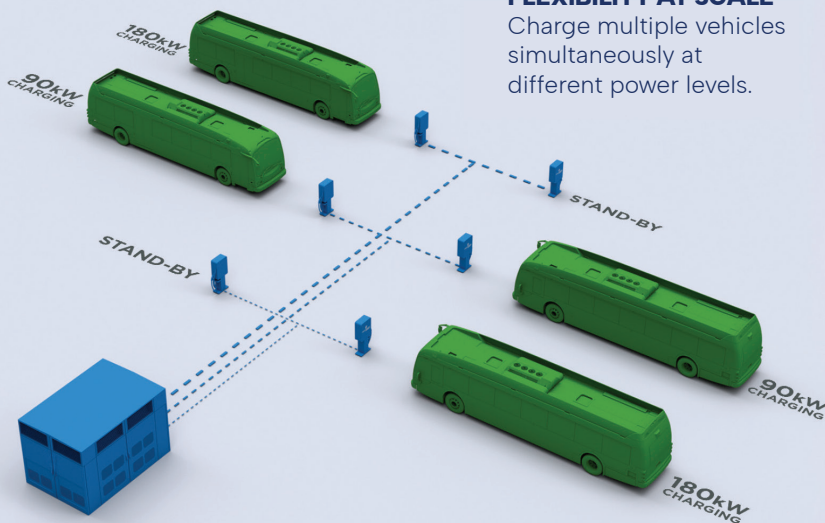
PANTOGRAPH



Camber charging systems utilize industry-standard charging technology so your heavy-duty electric vehicles, utility vehicles, and cars can share the same standardized chargers.

## FLEXIBILITY AT SCALE

Charge multiple vehicles simultaneously at different power levels.



[getcamber.com](https://getcamber.com)



Camber charging systems are compliant with Federal DOT Buy America requirements



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| ELECTRICAL OUTPUT                                                    |                                                                                                                                                                |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Charger Continuous DC Output Power                                   | 1440 kW                                                                                                                                                        |
| DC Output Voltage                                                    | 150-1000 VDC                                                                                                                                                   |
| Continuous DC Output Current per Dispenser                           | 200A, 300A optional (May be Vehicle Interface Limited)                                                                                                         |
| Continuous DC Output Current per Pantograph                          | 500A (May be Vehicle Interface Limited)                                                                                                                        |
| Max Number of Simultaneous DC Outputs                                | 24                                                                                                                                                             |
| Continuous DC Output Power per Pantograph                            | 360 kW (Pantograph Limited)                                                                                                                                    |
| ELECTRICAL INPUT                                                     |                                                                                                                                                                |
| AC Input Power                                                       | 1531 kW                                                                                                                                                        |
| AC Input Current                                                     | 1823A                                                                                                                                                          |
| AC Input Voltage                                                     | 480 V +/- 10%                                                                                                                                                  |
| AC Input Topology                                                    | 4-Wire WYE (3ph + GND)                                                                                                                                         |
| AC Input Frequency                                                   | 60 Hz                                                                                                                                                          |
| Current THD% at Full Power                                           | < 3%                                                                                                                                                           |
| Power Factor                                                         | > 0.99                                                                                                                                                         |
| MECHANICAL                                                           |                                                                                                                                                                |
| Cooling                                                              | Integrated Air Cooling                                                                                                                                         |
| Dimensions (D x W x H)                                               | 9.84 ft x 6.63 ft x 7.55 ft                                                                                                                                    |
| Wall Clearance (Front, Back)                                         | 48 in   120 cm                                                                                                                                                 |
| Wall Clearance (Sides)                                               | 60 in   150 cm                                                                                                                                                 |
| ENVIRONMENTAL                                                        |                                                                                                                                                                |
| Environmental Rating                                                 | NEMA 3R                                                                                                                                                        |
| Maximum Altitude                                                     | 3000 m   9800 ft (Power Derates Above 2000 m   6500 ft)                                                                                                        |
| Operating Temperature                                                | -22° F to 122° F : -30° C to 50° C                                                                                                                             |
| Operating Humidity                                                   | 4-95%                                                                                                                                                          |
| MISC                                                                 |                                                                                                                                                                |
| Approved Charger-to-Vehicle Interfaces                               | CCSI Industrial Dispenser<br>J3105-1 Infrastructure-Down Pantograph                                                                                            |
| Max Number of Dispensers per 1440kW Charger                          | Supports Simultaneous Charging with 24 Dispensers.<br>Optionally Supports Charging up to 48 Vehicles with two CCSI Cables per Dispenser Charging Sequentially. |
| Max Number of Pantographs per 1440kW Charger                         | Supports Simultaneous Charging with up to 24 Pantographs                                                                                                       |
| 1440kW Charger to Dispenser or Pantograph Control Box Communications | Modbus TCP via Fiber Optic                                                                                                                                     |
| Max Distance between 1440kW Charger and Dispenser                    | 500 ft   152.4 m (Fiber Optic)                                                                                                                                 |
| Management Communications                                            | OCPP 1.6 control via 4G Cellular (Standard)<br>Supports WiFi, Ethernet (Optional)                                                                              |
| Certifications                                                       | UL 2202, NEC 625, FCC Part 15 Class A                                                                                                                          |