

RELIABLE DC FAST CHARGING FOR FLEETS

The Proterra Commercial Series charging system is designed explicitly for fleet applications.

Available in 60kW, 90kW and 120kW configurations.

Charge up to 4 vehicles from the same charger with automated, multi-dispenser configurations, including up to 4 single-cable dispensers or 2 dual-cable dispensers.

Dispensers can be sited separately (up to 500 feet away) from the charging cabinet, enabling greater flexibility in design and configuration for fleets.

Remote monitoring, intelligent diagnostics and a modular design allows for quick issue resolution and efficient field service.

Broad voltage range (up to 1000VDC) ensures compatibility with both today's and next generation electric vehicles.

- **OCPP compliant and 4G enabled**
- **Small footprint**
- **Multi-dispenser option**
- **Supports CCS1 and pantograph options**
- **3 Year Standard Warranty with extensions available**

COMMERCIAL SERIES



Proterra charging systems are compliant with Federal DOT Buy America requirements.

MODEL	PC-060-PC	PC-090-PC	PC-120-PC
ELECTRICAL OUTPUT			
Continuous DC Output Power	60 kW	90 kW	120 kW
DC Output Voltage	150-1000 VDC		
Continuous DC Output Current	200 A, 500 A Pantograph (Optional)		
ELECTRICAL INPUT			
AC Input Power	63 kVA	95 kVA	126 kVA
AC Input Current	76 A	114 A	152 A
AC Input Voltage	480V +/- 10%		
AC Input Topology	5-wire WYE (3ph + N + GND)		
AC Input Frequency	60 Hz		
Current THD% at full power	<3%		
Power Factor	>0.99		
Efficiency	95%		
MECHANICAL			
Cooling	Integrated air cooling		
Weight	715 lbs	770 lbs	825 lbs
Dimensions (D x W x H)	30.0 in x 26.4 in x 70.8 in 76 cm x 67 cm x 180 cm		
Required side doork clearance	1000 mm		
Required Front and Rear Clearance	120 mm		
ENVIRONMENTAL			
Environmental Rating	NEMA 3R		
Maximum Altitude	3000m 9800 ft (power derates above 2000m 6500 ft)		
Operating temperature	-22°F to 122°F -30°C to 50°C		
Operating Humidity	4-95%		
MISC			
Approved charger-to-vehicle interfaces	CCS1 Industrial dispenser J3105-1 Infrastructure-Down Pantograph		
Approved number of dispensers per power cabinet	Up to 2 Dual Cable Dispensers or Up to 4 Single Cable Dispensers		
Sequential Charging Capabilities	1 @ 60 kW	1 @ 90 kW	1 @ 120 kW
Simultaneous Charging Capabilities	-	-	2 @ 60 kW
Power Cabinet to dispenser or pantograph control box communications	Modbus TCP via fiber optic		
Max Distance between Power Cabinet and Dispenser	500 ft 152.4 m (fiber optics)		
Management Communications	OCPP 1.6 control via 4G Cellular (standard) Supports WiFi, Ethernet (optional)		
Certifications	UL 2231, UL 2202 (pending)		
Warranty	3 year standard, 5 year extended warranty (optional)		