



SunStation HPC

Lead the Charge. Drive Solar!

SunStation High-Powered Charger (HPC) from Paired Power is the world's first direct-DC solar fast charger for light and medium electric vehicles. Solar powered DC fast charging delivers more energy to EVs and avoids the high utility demand and energy costs of grid charging. Since SunStation HPC can be installed directly with a solar PV system, it also avoids the high costs of adding a new utility service and trenching across established parking areas to deliver the power to EVs. In addition, SunStation HPC is fully resilient and will charge EV fleets, including cars, buses, and trucks during grid outage events. SunStation HPC is the ideal charging resource for grid-constrained workplaces and fleets to maximize charging from ultraclean solar power.

Standard Features

- Up to 60 kW charging power from on-site solar array
- Offers single DC port plug for resilient EV charging
- Supports SAE CCS1 charging interface
- OCPP 1.6 compliant
- Software app for full charging control via smartphone
- Flexible payment and reservation options
- Dynamic access and privacy controls
- All tracking and reporting data available to site hosts
- Optional ability to net-meter solar energy to building loads



CHARGER CONTROL BOX

Dimensions

Height	91 cm (36")
Width	61 cm (24")
Depth	31 cm (12")

Shipping Weight

Charger (without Cords)	36 kg (80 lbs)
Charger Cords	7.65 kg (16.9 lbs) per charger cord*

Output

Max Voltage	600 VDC
Operating Voltage Range	300-500 VDC
Operating Current Range	0 to 150A
Rated Output Power	Up to 60 kW
Charger Cords	1
DC Cable/Cords.	SAE CCS 1
Cable Length	6 m (20 ft.)

Environment

Installation Placement	Outdoors
Charger Enclosure	Rain Proof / NEMA 3R
Operating Temperature Range	-20° C (-4° F) to +50° C (+122° F)
Elevation	<1524 m (5,000 ft.)
Operational Noise Level	<50 db

Compliance Standards

DC Charging Cords for All Electric Vehicle	SAE CCS 1 FCC NFPA 70, NEC 625 compliant; OCPP 1.6J compliant
--	--

*Specifications may change without notice

