



SEVO SunStation™

Lead the Charge. Drive Solar!

The SEVO SunStation™ charges your electric vehicle from 100% local solar energy, ideal for public or workplace applications. SEVO SunStation includes a solar power canopy, EV chargers, mobile app, and installation services for a hassle free and low-cost EV charging experience.

Standard Features*

- Daytime EV charging power up to 16.8kW
- Web-based app for full charging control
- Intelligent software package (tracking and reporting)
- Shaded parking
- Each SEVO SunStation covers 6 parking spaces
- Controller and 6 standard DC charger connectors

*Dimensions, capacity, and specifications are tailored to site needs

EV Compatibility

Chargers can be equipped with CCS Combo, CHAdeMO, or Tesla adapter to support market leading EV models**, including:

- BMW i3
- Chevrolet Bolt EV
- VW e-Golf
- Nissan Leaf
- Tesla Model S
- Tesla Model X

**EV models with DC port are supported

Installation and Maintenance

- Site assessment
- Full turn-key installation service
- Construction management included
- Final commissioning
- Optional maintenance support
- One year limited warranty; Extended term available



TECHNICAL SPECIFICATIONS* SEVO SUNSTATION DC640

CHARGER CONTROL BOX

Dimensions

Height	105 cm (41")
Width	90 cm (35")
Depth	25 cm (9.8")

Shipping Weight

Charger (without cords)	45 kg (99 lbs)
Charger Cords	46 kg (102 lbs) for 6 cords

Output

Max Voltage	600 VDC
Operating Voltage Range	300-500 VDC
Operating Current Range	0 to 40 A
Rated Output Power	16.8 kW
Charger Connectors	6
Cable/Connector	CHAdeMO and CCS Combo, optional Tesla adapter
Cable Length	4 m (13.1 ft.)
Cable Management	Pedestal Cord Holders

Environmental

Installation Placement	Outdoor
Charger Enclosure	Rain Proof / NEMA 4
Operating Temperature Range	-20°C to +50°C
Elevation	<5,000 ft.
Operational Noise Level	<50 db

Compliance Standards

Charger	UL 508A
Charging Cords for Electric Vehicles (EV)	CHAdeMO and CCS Combo, UL listed FCC Compliant NFPA 70, National Electric Code (NEC), Art. 625, EV Charging Systems

SOLAR CANOPY

Dimensions**

Double Cantilever (WxD)	Approx. 8m x 12m (covers 6 head-to-head parking spaces)
Single Cantilever (WxD)	Approx. 16m x 6m (covers 6 side-to-side parking spaces)
Height	Standard 3.3m (other options available)
Pitch	Standard 5° (other options available)

Input

Max Input Voltage	600 VDC
Maximum Input Current	Maximum Input Current 40A
Related Input Power	Rated Input Power 16.8 kW
Efficiency	Efficiency >98%

Mechanical

Cooling	Passive
Lighting	LED Nighttime Lighting
De-Energization on Cable Breakaway	Yes

*Specifications subject to change without notice

**See structural drawings for exact dimensions



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Paired Power develops and delivers innovative products that pair solar energy with EV charging, energy storage, and the grid. Our patented technology delivers 100% clean solar power directly into electric vehicles. Printed on recycled paper. ©2018 Paired Power, Inc. All rights reserved.