

DS-50 - The Dependable and Simple Power Station

E

VI, the recognized leader in conductive charging has taken the lead again with its DS Series. What does it mean? Dependable and Simple is what it means. You asked for a simple, yet dependable unit that is safe and economical to use, and you got it.

The economical DS-50 series allows for a cost effective, fleet support development program that is easy on your project costs, giving "On-Demand", charging for fleet vehicles.

Compatibility

The DS-50 is compliant with SAE-J1772 Electric Vehicle Control Stations and is compatible with Ford, Honda, DaimlerChrysler, Mazda, Solectria, Toyota, BMW, as well as other OEM's worldwide such as Fiat, and Peugeot.

Safety

EVI® continues to be the *only* supplier in the EV infrastructure development industry that meets or exceeds all applicable codes, specifications, and requirements of Electric Vehicle Supply Equipment. EVI would never sacrifice "Safety for Dollars". It is the EVI commitment you have come to know and trust.

Features

Checkout the list of features on the back for the EVI difference.



ELECTRIC VEHICLE INFRASTRUCTURE, INC.
11839 INDUSTRIAL COURT ~ AUBURN, CA. 95603
WEBSITE: [HTTP://WWW.EVIL.COM](http://www.evil.com)



The DS-50 From EVI

EVI® breaks the cost barrier once again for the Electric Vehicle Infrastructure Industry with the introduction of its newest charging stations the DS-50 and DS-50 Plus.

When you make the switch to electric, make it safe, make it simple, make it reliable...Make it EVI®.

Local and National Representation

Representatives are there for all your infrastructure needs (every thing from installation to service and any operational questions you may have). Whether you operate one fleet or a national network, EVI®'s broad list of Representatives can help.

Call Your Local Representative
or

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EVI's DS-50 and DS-50 Plus Specifications

DS-50 Series Product Specifications

Service Entrance: 208V or 240V - 40 amp, single phase, 2-wire, with ground

Dimensions:

8"W × 8"H × 4" D — NEMA 3R Construction

Weight

6 lbs (2.7 Kg) without Cable

Operating Temperature

-4°F (-20°C) - +140°F (+60°C)

Warranty period:

3 year labor / 3 year parts warranty

Installation:

Wall mount, 6" on center (interior unit mount)
Interior or Exterior approved. Pedestal available for freestanding use (optional)

Codes, Standards and Recommended Practices

NEC 625 - EV Charging System Equipment

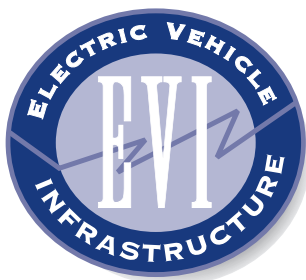
SAE-J1772 - EV Conductive Coupling

Recommended Practice also "Gen II" Compliant

UL 2202 - Charging Station Safety

UL 2231 - Personal Protection Device
(i.e. ground fault hardware)

UL 1998 - Standard for Safety Related Software



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DS-50 - Feature Set

Charging Indicator

You always know when your vehicle is charging, EVI takes the guessing out of the operation.

Water Resistant Enclosure

EVI® gives you the flexibility to use the DS-50 where ever your needs require, this NEMA 3R enclosure can be located in most locations.

Flexible Design

Forty Amp (40A) design allows for use with even the most aggressive on board charger.

Auto Reclosure

The DS-50 comes with EVI®'s patented automatic reclosure which allows the system to charge your vehicle safely after the occurrence of many different scenarios which would prevent other systems from charging.

Self Diagnostics

In the event of a fault, allows service technician to evaluate the problem and fix the unit.

DS-50 Plus - Optional Feature Set

External Error Indicator

Allows you to be notified when there is an error. This signaling mechanism can be a remote signal off-board the unit fed to a visual, audible or even a paging mechanism so that you are aware if a problem occurs either with the PCS or the vehicle - immediately.

Cold Load Pickup

Staggers rebooting after a power failure, preventing a damaging surge when power is reapplied.

Load Management Input

Allows external control of the unit for EVI®'s Service Saver (available summer 1999), local load management or facility wide load management.

External Fault Light

Having an external fault light displayed gives you the flexibility of an external error indicator. If your unit stops charging for whatever reason, you will know a fault exists!

Additional Hardware

Pedestal

For remote areas such as parking lots. The DS-50 can be used on the same pedestal as the ICS series or attach the Inductive "Gen. II" Station along side the DS-50.