

DS-200-DL DUAL POWER CONTROL STATION



VI's DS-200-DL is designed to serve the infrastructure needs of the electric vehicle industry. The DS-200-DL provides both hardware and labor savings for

public and fleet infrastructure installations since one unit **charges two vehicles simultaneously.**

One or two units can be installed per pedestal providing 2 or 4 charge ports - cutting installation costs by 50%! Additionally, this unit can be configured to charge sequentially (one vehicle at a time) allowing the retrofit of existing equipment and doubling an installation's effectiveness.

Like all of EVI's products the DS-200-DL comes pre-wired to allow external control for timers or load management. Whatever your needs, EVI probably has a product that seems designed for you.

EVI has many products to choose from to suit your needs, from the flagship ICS-200B to the DS-50. EVI also has all the hardware for what ever your installation needs. EVI's complete line of pedestal products includes a cord management system accommodating locational lighting, signage and a 120V outlet for Neighborhood Electric Vehicles.

COMPATIBILITY

The DS-200-DL is compliant with SAE-J1772 Electric Vehicle Conductive Coupling Recommended Practice, the only charging standard supported by The California Air Resources Board for electric vehicle fueling.

Currently compatible with vehicles from Ford, Mazda, and Honda.



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EVI's DS-200-DL SPECIFICATIONS

The DS-200-DL is designed to minimize your infrastructure costs by maximizing the number of vehicle connections per service connection. Two simple, dependable, conductive vehicle interfaces - The safest proven technology to give a reliable charge every time you plug in.

Primary functions include:

- √ Multiple levels of safety for the customer, the EV, and the charging equipment.
- √ Industry standard compliance, including SAE - J1772, UL 2202, UL 1998, FCC, and NEC Article 625.
- √ Long term durability
- √ Configurable for either simultaneous charging (both vehicles charging at the same time) or sequential charging (one vehicle at a time switching at a preset time).

General Specifications

Service Entrance:

208V to 240V 60 Hz - 60 amp, single phase, 2-wire with ground.

Dimensions:

17"W x 14"H x 6"D - NEMA 4 Construction

Operating Temperatures:

-40°F (-40°C) ~ +122°F (+50°C)

Warranty Period:

3 years parts, 3 year factory labor, 1 year in-field service.



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FEATURES

DUAL LEVEL 2 CHARGING:

24 amps per connector simultaneous. Can be configured for sequential charging - Important in retrofits where 60 Amp service is unavailable.

UL 2231 - PERSONAL PROTECTION SYSTEM:

Ground fault protection with self test - no manual testing needed.

AUTO RECLOSURE AND RESTART:

EVI's automatic reclosure allows the system to restart charging the vehicle after the occurrence of many different fault scenarios.

EXTERNAL LOAD MANAGEMENT INPUT:

Allows external control of the unit. Central controls can be interfaced to limit grid or facility electrical load.

GROUND MONITORING CIRCUIT:

Constantly checking for presence of proper safety ground.

THREE VEHICLE SERVICE:

Due to the extended reach of conductive cables, this unit is capable of servicing three or four parking spots.

COLD LOAD PICKUP:

Time delayed and randomized to allow re-energizing of unit following power outages.

CODES, STANDARDS AND RECOMMENDED PRACTICES

- NEC 625 - EV Charging System Equipment
- SAE-J1772 - EV Conductive Charge Coupling
- UL 2202 - Charging Station Safety
- UL 2231 - Personal Protection Device (i.e., ground fault hardware)
- UL 1998 - Standard for Safety Related Software.

OTHER EVI PRODUCTS

ICS-200B:

EVI's flagship model with all the features you would ever need: Voice notification, off-peak charging, kWhrs used, event logging and many others.

DS-50:

Dependable and simple charge station for residential applications. Just plug it in and walk away.

CORD MANAGEMENT System:

Either free standing or as a retrofit to existing EVI installations, manages up to four cables and connectors.