

# PosiCharge™ DVS 300 / 400

Dual-Vehicle System Charger



## Flexible one- or two-vehicle charge option

PosiCharge DVS 300 / 400 is the stand-alone industrial charger that can charge one vehicle with up to 500 amps or two vehicles simultaneously at 250 amps. DVS features ultraefficient IGBT power electronics and an integrated AC to DC power server, delivering our customers significantly lower up-front installation and ongoing utility costs compared to other fast chargers.

Our unique technology utilizes both temperature compensation and temperature foldback to accurately control battery temperatures during charging, adding an unparalleled layer of safety to fast charging.

And like all PosiCharge chargers, the DVS works with a broad range of battery voltages and has the same data management and on-board intelligence.

### Key Features:

- Capable of CAN communication with Lithium Batteries through our CAN protocol
- Smart Battery Monitor and Identification Device (BMID)
- Charge different vehicles or batteries on the same charger
- Adaptable charge rate
- Can charge 2 vehicles simultaneously or one vehicle twice as fast
- Charge 3x the equipment with the same power used for conventional chargers
- Euro and Burton output connector/cable options
- Automatic start/stop
- Anti-arcing disconnect
- Auto thermal shutdown
- High efficiency IGBT technology
- Can share power with the jet bridge or other devices to reduce installation costs

## Technical Specifications

|                                  | DVS 300: Powerserver   | DVS 400: Powerserver   |
|----------------------------------|------------------------|------------------------|
| Power Rating                     | 30kW                   | 40kW                   |
| Utility Requirements             | 480 / 600 VAC, 3-phase | 480 / 600 VAC, 3-phase |
| Full Load Amp Draw               | 40A / 32A              | 40A / 32A              |
| Max Circuit Breaker Rating       | 50A / 40A              | 70A / 60A              |
| Power Factor                     | 0.96                   | 0.96                   |
| Efficiency                       | 90%                    | 90%                    |
| Battery Voltage Range            | 24V - 96V              | 24V - 96V              |
| Max Output Current (Dual Mode)   | 250A                   | 250A                   |
| Max Output Current (Single Mode) | 500A                   | 500A                   |
| Weight                           | 905 LBS                | 915 LBS                |
| Dimensions                       | 60"H X 32.4"W X 21.9"D | 60"H X 32.4"W X 21.9"D |
| Communication Port               | RS232                  | RS232                  |

PosiCharge is a product line of  
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