

## 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
- Provides all environment/weather operation with rugged NEMA 3R Enclosure rating and conditions

## 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
Operating Temperature	-40°C -50°C	-40°C -50°C