

PosiCharge DVS

Dual Port Electric MHE Chargers



High Output. Reliable Dual Vehicle Charge.

The PosiCharge DVS 100 / 150 are intelligent fast charging systems that offer a lower cost alternative in locations where trucks are parked in pairs. The DVS100 can supply 200A/port, while the DVS150 can supply 300A/port with maximum efficiency. Vehicles conveniently recharge at various times throughout shifts during short “fast-charge” windows, such as breaks, lunches, shift changes, or during downtime.

The DVS features ultra-efficient 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 to ensure that the battery receives maximum charge without exceeding safe temperatures.

The revolutionary PosiCharge technology is designed to maximize fleet performance, productivity and battery life, and to make charging fast, worry-free and safe.

Key Features:

- Highest Safety Standards: UL1564, CSA, CEC, CE, RoHS Compliant
- Unique built-in safety features protect employees & equipment
- 0% battery changing-related accidents
- BMID-managed, automated worry-free charging
- Charge during scheduled breaks, keep your fleet running all day
- Charge 2 vehicles simultaneously
- 0% downtime due to battery changing
- Proven to extend battery life and surpass battery warranties
- Lower infrastructure, utility, operational, and maintenance costs
- Universal Battery Type, Brand, Voltage, Chemistry and AHCapacity
- Real-Time Clock, Auto Start/Stop, Auto Thermal Shut Down, and Shutdown Response Time 5ms
- Maintains 250 Charge Event Logs
- Closed Loop Gas Control
- NEMA 1 Rated Enclosure

The PosiCharge™ DVS100 is a dual-port charging system that can supply 200A/port with maximum efficiency, in locations where trucks are parked in pairs. The DVS100 offers charger and battery data management, the Battery Monitor and Identifier Module (BMID), precise charging control, electrolytic thermistor, our “easy-service” modular cable system, and dynamic equalization scheduler that delivers weekly EQ compliance without assigning specific chargers to trucks.



The PosiCharge™ DVS150 is a premium intelligent dual-port charging system that can supply 300A/port with maximum efficiency. The DVS150 offers charger and battery data management, the Battery Monitor and Identifier Module (BMID), precise charging control, electrolytic thermistor, our “easy-service” modular cable system, and dynamic equalization scheduler that delivers weekly EQ compliance without assigning specific chargers to trucks.



Technical Specifications

	DVS100	DVS150
Power Rating	10kW / port	15kW / port
Max Output Current (A)	200A / port	320A / port
Efficiency up to	92%	92%
Idle Power	27W<10W*	27W<10W*
Power Factor	0.98	0.98
Auto Range Battery Voltage	24V to 80V	24V to 80V
Full Load Amp Draw 480V/600V	28/23	40/32
Circuit Breaker Rating	40/30	50/40
Dimensions, H x W x D	25"x21"x 52"	25"x 21"x 52"
Weight	529 lbs	617 lbs

* with optional CEC upgrade