

# POSICHARGE DVS 100/150



2X



DUAL PORT ELECTRIC FORKLIFT CHARGER



## High Output. Reliable. Intelligent Dual Vehicle Charge.

The PosiCharge™ DVS 100/150 are our intelligent dual-port 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.

Like with all PosiCharge chargers, advanced built-in battery protection technology can automatically custom-charge batteries of various sizes, capacity and duty-cycles, and can ensure that each battery receives maximum charge without exceeding safe temperatures.

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

## BENEFITS

### Safety

- + Highest Safety Standards: UL1564, CSA, CEC, CE, RoHS Compliant
- + Unique built-in safety features protect employees & equipment
- + 0% battery changing-related accidents

### Performance

- + 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

### Savings

- + Lower infrastructure & utility cost
- + Lower operational cost
- + Lower maintenance cost



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PosiCharge™ systems, a product line of AeroVironment, Inc.  
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# FEATURES

- » Universal Battery Type, Brand, Voltage, Chemistry and AH Capacity
- » Real-Time Clock
- » Auto Thermal Shut Down
- » Shutdown Response Time 5ms
- » Maintains 250 Charge Event Logs
- » Auto Start/Stop
- » Closed Loop Gas Control
- » Line Frequency IGBT Technology
- » Easy Change Modular Output Cables – up to 300A
- » NEMA 1 Rated Enclosure

# KEY OPTIONS

- » BATTERY RX™ - advanced battery monitor for maximum battery life with optional cellular connectivity and data services.
- » POSINET™ - works with cellular Battery Rx to collect battery charge data and run usage reports.
- » AUTOMATIC WATERING - ensures that water is only added when it is safe and appropriate
- » ELECTROLYTE IMMERSSED THERMISTOR - Temperature compensation to minimize gassing during fast charging & Temperature Fold Back to control battery overheating
- » MODULAR CABLE SYSTEM - for easy service
- » DYNAMIC EQUALIZATION SCHEDULER - delivers weekly EQ compliance without assigning specific chargers to trucks



# SPECIFICATIONS

	DVS100	DVS150
POWER RATING	10kW/port	15kW/port
MAX OUTPUT CURRENT	200A/port	300A/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

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