

POSICHARGE™ DVS 300/330/400

eGSE



- 1 INTELLIGENT**
Smart Battery Monitor and Identification Device (BMID) instantly recognizes voltage, state of charge, temperature
- 2 MULTI VOLTAGE / MULTI-AH CAPABILITIES**
Allow different vehicles/batteries to charge on the same charger
- 3 CUSTOMIZED**
Adapts charge rate according to charge acceptance limit and temperature for safest fast charge
- 4 BMID CONTROLLED EQ**
Allows any battery to go to any charger and get a complete EQ each week
- 5 RUGGED NEMA 3R ENCLOSURE RATING**
Provides all environment/weather operation and conditions

- 6 SAFE**
Automatic Start/Stop Anti-arcing Disconnect & auto thermal shutdown
- 7 PARALLEL CHARGE**
Can charge 2 vehicles simultaneously or one vehicle twice as fast
- 8 POWER SHARE**
Can share power with the jet Bridge or other devices to reduce installation costs
- 9 EASY**
Easy to install, easy to use
- 10 EFFICIENT**
High efficiency IGBT technology

High Output. Reliable. Intelligent Dual Vehicle Charge

PosiCharge™ systems bring you industry-leading fast charge solutions for airport ground support equipment, outdoor-rated to withstand extreme conditions.

PosiCharge DVS300 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 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, 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 OPTIONS

CEC CERTIFICATION - Chargers meet CEC round trip efficiency and idle power standards required by certain states.

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.

POWER SHARE - Allows you to share power with existing circuits and other devices at the jet bridge.



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WITH
CERTAINTY

PosiCharge™ systems, a product line of AeroVironment, Inc.
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POSICHARGE™ DVS Dual-Vehicle System ADVANTAGE

- » More charge power for heavy applications, compared to other multiple vehicle chargers
- » Charge 3x the equipment with the same power you were using for conventional chargers
- » Designed to maximize available electrical infrastructure, keep fleet operational 24/7 and extend battery life
- » Lower infrastructure costs compared to large scale single-vehicle systems
- » Lower maintenance & operational cost
- » Flexible one- or two-vehicle charge option
- » Requires no battery changing operations
- » Affordable stand-alone solution for small or remote fleets
- » Extended battery life & run time
- » Euro and Burton Output Connector/Cable Options



250A x 2 simultaneous -or- up to 500A charge

SPECIFICATIONS

	DVS300	DVS330	DVS400
POWER RATING	30kW	33kW	40kW
UTILITY REQUIREMENTS*	480/600 VAC, 3-PHASE 60 HZ	380 VAC, 3-PHASE 50 HZ	480/600 VAC, 3-PHASE 60 HZ
FULL LOAD AMP DRAW	40/32A	56A	56/45A
MAX CIRCUIT BREAKER RATING	50/40A	70A	70/60A
POWER FACTOR	0.96	0.96	0.96
EFFICIENCY	90%	90%	90%
BATTERY VOLTAGE RANGE	24V - 96V	24V - 96V	24V - 96V
MAX OUTPUT CURRENT (DUAL MODE)	250A	250A	250A
MAX OUTPUT CURRENT (SINGLE MODE)	500A	500A	500A
WEIGHT	905 LBS	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	60"H X 32.4"W X 21.9"D
COMMUNICATION PORT	RS232	RS232	RS232

HIGHEST SAFETY STANDARDS: CE, UL1012, CSA

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All specifications are subject to change. image shown is a representation; production model may vary slightly in appearance



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