

Posicharge MVS 800 Multi-Vehicle System Charger



High Output. Reliable. Intelligent Multi-Vehicle Charge

The FastCharge Posicharge Systems bring you industry-leading fast charge solutions for airport ground support equipment that is outdoor-rated to withstand extreme conditions.

The FastCharge MVS is our multiple-port, multi-vehicle fast charge system, especially designed to lower utility costs for distribution, warehousing, and general manufacturing. An MVS800 can charge up to 16 industrial vehicles (e.g. tow tugs, baggage tractors, belt loaders, etc.) at the same time. This cost saving alternative to conventional charging makes implementing electric GSE vehicles more cost effective. The more vehicles charged at once, the greater the cost benefit.

Like the DVS, MVS features the highest power quality and most diverse multi-voltage, multi-ampere flexibility of any fast-charging system available today. MVS systems are installed all across the world's largest airports, as well as Fortune and Global 100 companies. And like all PosiCharge chargers, the MVS800 works with a broad range of battery voltages, and has the same data management and onboard 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
- Flexible up to 16-vehicle charge option
- 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
- Lower maintenance and operational cost
- Easy to install, easy to use
- Rugged NEMA 3R Enclosure rating, provides all environment/weather operation and conditions
- Share power with jet bridge or other devices to reduce installation costs

Technical Specifications

	MVS 800: Powerserver
Power Rating	80kW
Utility Requirements	480 / 600 VAC, 3-phase
Full Load Amp Draw	100A / 80A
Max Circuit Breaker Rating	125A / 100A
Power Factor	0.96
Efficiency	95%
Weight	1,405 LBS
Dimensions	62"H x 42"W x 27"D

	Powerstation
Power Rating	60kW
Battery Range Voltage	24V – 96V
Max Output Current (Dual Mode)	250A
Max Output Current (Single Mode)	500A
Weight	304 LBS
Dimensions	30"H x 30"W x 19"D
Communication Port	RS232

TAKE BACK THE POWER!



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POSICHARGE™ MVS 800

eGSE

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- 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 EFFICIENT**
High efficiency IGBT technology
 - 9 EASY**
Easy to install, easy to use
 - 10 POWER SHARE**
Can share power with the jet Bridge or other devices to reduce installation costs

High Output. Reliable. Intelligent Multi-Vehicle Charge

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

MVS is our multiple-port, multi-vehicle fast charge system, especially designed to lower utility costs for distribution, warehousing, and general manufacturing. An MVS800 can charge up to 16 industrial vehicles (e.g. tow tugs, baggage tractors, belt loaders, etc.) at the same time. This cost saving alternative to conventional charging makes implementing and using electric GSE vehicles more cost effective. The more vehicles charged at once, the greater the cost benefit.

Like the DVS, MVS features the highest power quality and most diverse™ multi-voltage, multi-amperage flexibility of any fast charging system available today. MVS systems are installed all across the world's largest airports, as well as Fortune and Global 100 companies. And like all PosiCharge chargers, the MVS800 works with a broad range of battery voltages and has the same data management and onboard 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 report.

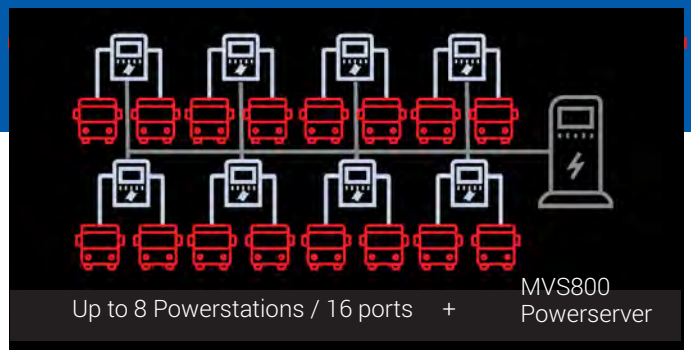
POWER SHARE - Allows you to share power with existing circuits and other devices at the jet bridge.

POSICHARGE™ MVS

Multi-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
- » Lower infrastructure costs compared to large scale single-vehicle systems
- » Lower maintenance & operational cost
- » Flexible up to 16-vehicle charge option
- » Requires no battery change
- » Designed to maximize available electrical infrastructure, keep fleet operational 24/7 and extend battery life.
- » Euro and Burton Output Connector/Cable Options



SPECIFICATIONS

MODEL MVS800: POWERSERVER

POWER RATING	80kW
UTILITY REQUIREMENTS	480/600VAC, 3 PHASE
FULL LOAD AMP DRAW	100A / 80A
MAX CIRCUIT BREAKER RATING	125A / 100A
POWER FACTOR	0.96
EFFICIENCY	95%
WEIGHT	1,405 LBS
DIMENSIONS	62"H X 42"W X 27"D

POWERSTATION

POWER RATING	60kW
BATTERY VOLTAGE RANGE	24V - 96V
MAX OUTPUT CURRENT (DUAL MODE)	250A
MAX OUTPUT CURRENT (SINGLE MODE)	500A
WEIGHT	304 LBS
DIMENSIONS	30"H X 30"W X 19"D
COMMUNICATION PORT	RS232

HIGHEST SAFETY STANDARDS: UL1012, CSA