

POSICHARGE™ SVS100

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 EFFICIENT**
High efficiency IGBT technology
- 8 COMPACT**
Fits almost anywhere
- 9 EASY**
Easy to install, easy to use

Single Port. Compact. Dedicated. Intelligent Charge

Posicharge SVS100 is a compact charger and a great fit for a variety of electric airport ground support equipment that require fast or opportunity charging. Typical customers for this charger include regional jet organizations, GA and FBO airport operators, and other non-hub maintenance and logistics companies. The SVS100 is outdoor-rated to withstand extreme environmental conditions. The SVS100 can provide up to 10kW of power in a single port, which is ideal for electric belt loaders, baggage tractors and other electric equipment that are not under extremely heavy use or demand fast charging.

Our unique technology utilizes battery voltage and temperature sensors to accurately control the charging profile, adding an unparalleled layer of efficiency and safety.

The SVS100 features IGBT technology for high performance and reliability. And like all Posicharge chargers, the SVS100 works with a broad range of battery voltages, types, and capacities for virtually any vehicle application. In addition, the chargers also capture the data required to analyze and manage individual and fleet vehicle battery status and usage.



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.



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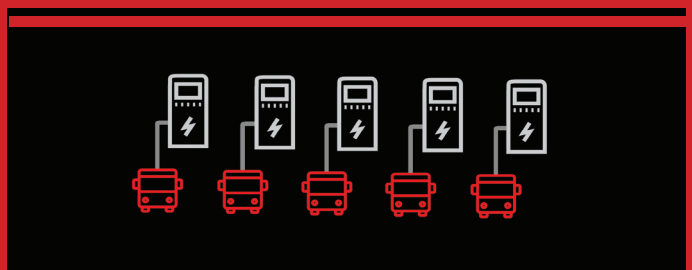
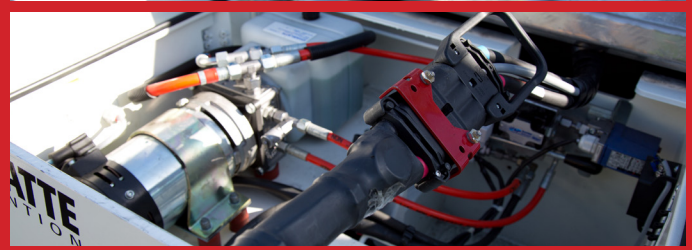


POSICHARGE™ SVS

Single-Vehicle System

ADVANTAGE

- » Intelligent system designed to maximize available electrical infrastructure, keep fleet operational 24/7 and maintain battery health
- » Lower infrastructure costs compared to large scale single-vehicle systems
- » Lower maintenance & operational cost
- » Affordable stand-alone solution for small or remote fleets
- » Extended battery life & run time
- » Euro and Burton Output Connector/Cable Options



SPECIFICATIONS

	SVS100
POWER RATING	10kW
UTILITY REQUIREMENTS*	480/600 VAC, 3-PHASE
FULL LOAD AMP DRAW	15A / 12A MAX
MAX CIRCUIT BREAKER RATING	20A / 15A
POWER FACTOR	0.98
EFFICIENCY	91%
BATTERY VOLTAGE RANGE	24V - 80V
MAX OUTPUT CURRENT	250A
WEIGHT	388 LBS
DIMENSIONS	39.4"H X 22"W X 19.3"D

HIGHEST SAFETY STANDARDS: CE, UL1012, CSA

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



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