

# 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 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 COMPACT**  
Ideal for small electric belts and vehicles at hubs, as well as for carts and people movers

## Single Port. Dedicated. Compact. Intelligent Fast Charge

Posicharge SVS100 is a compact charger that is suitable for a variety of airport ground support applications. Typical customers for this charger include regional jet organizations, GA and FBO airport operators, and other non-hub maintenance and logistics companies. SVS100 is outdoor-rated to withstand extreme environmental conditions. SVS100 can provide up to 10kW of power in a single port, which is ideal for small electric belt vehicles, as well as for carts and people movers.

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

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 and usage status.



## 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.



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%
IDLE POWER	<20W
BATTERY VOLTAGE RANGE	24V - 80V
MAX OUTPUT CURRENT	250A
WEIGHT	388 LBS
DIMENSIONS	39.4"H X 22"W X 19.3"D
COMMUNICATION PORT	RS232

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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