

SPC Installation Guidelines:

All solar panel inputs into the SPC must be of approximately equal values (i.e. if using SPC w/2 panel inputs, each must be 25W or 35W or 50W panels or w/3 inputs, each must be 18W, 25W, or 50W.

MIXING of dissimilar panel sizes connected simultaneously may cause improper operation of the SPC. This could cause damage to the SPC.

The SPC will automatically shut off when the battery system is “fully charged”. The SPC is designed for automatic turn on when batteries have discharged to 90+% of charge capacity.

Connect the input wiring from the solar panel w/at least an 18 gauge (AWG Rating) wire and connect the SPC output to the battery w/at least 16 gauge (AWG Rating) wire.

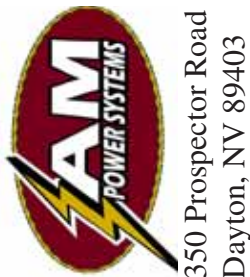
As this is a trickle charging device, expect 6-8 hours for a “full charge” to be accomplished on a fully discharged battery.

Maintain a completely clean, dry, moisture free environment for the SPC.

There is a 90 day warranty for the SPC units

RED is the *Positive* (+) connection

BLACK is the *Ground* connection



AM Power Systems

P.O. Box 1492
350 Prospector Road
Dayton, NV 89403

Phone: 775-241-0937

Cell: 408-691-3738

www.ampowersystems.net

INTELLIGENT

• SOLAR BATTERY CHARGERS

For SLA Batteries

• SOLAR PANELS

• AFTER MARKET CHARGING KIT

(with SPC, Solar Panel, Insert tray, Wiring)

• SOLAR POWERED BATTERY CABINETS

APPLICATIONS:

- Electric Vehicles
- Motor Homes & Specialty Trailers
- Remote Charging Applications
- Campground Support Equipment and Lighting
- Domestic Solar Battery Charging
- Power Boat & Sailboat Battery Charging

FEATURES:

- Easy Installation
- No Charging Costs
- No Hassle Continuous Power Generation

Solar Power Controllers (SPC)

“Battery Chargers”

SINGLE OUTPUT:

AMSPC1-12V - single output SPC for 12V SLA batteries

AMSPC1-24V - single output SPC for 24V SLA batteries

AMSPC1-36V - single output SPC for 36V SLA batteries

AMSPC1-48V - single output SPC for 48V SLA batteries

AMSPC1-72V - single output SPC for 72V SLA batteries

* available w/three solar panel (PV type) inputs

DUAL OUTPUT:

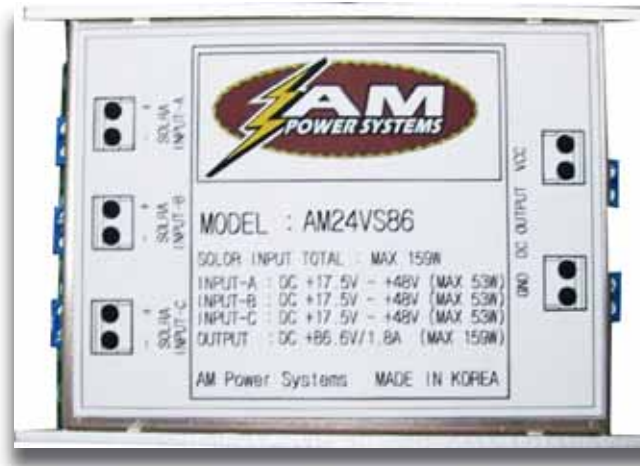
AMSPC2-48V - dual output SPC for 12volt and 36 volt power conversion with 2 solar panel inputs

AMSPC2-60V - dual output SPC for 12 volt and 48 volt power conversion with 2 solar panel (PV) inputs (introduction TBA)

SLA Battery Charger Applications from Solar Cell Energy:

Usage:

- Golf Carts/Golf Cars
- Cushman and E-Z GO Electric Carts
- Specialty Electric Vehicles / Electric Cars
- Motor Home and Specialty Trailer Back-up Battery Charging Systems
- Specialty Wheel Chairs for the Disabled
- Remote Data Collection Site Power Generation
- Campground Support Equipment
- Boat Battery Charging
- Clay Pigeon Throwers
- Remote Lighting / Surveillance
- Sportsman Activities



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Power: 25 ~ 80W Solar Cell

12 VDC: 25 W, 14.4 V @ 1.7AH SLA Battery

24 VDC: 42 W, 28 V @ 2.5AH SLA Battery

36 VDC: 65 W, 43.2 V @ 1.5AH SLA Battery

48 VDC: 80 W, 57.6 V @ 1.3AH SLA Battery

72 VDC: 130 W, 86 V @ 1.5AH SLA Battery

Size: 4” x 6” x 1.5” w/ aluminum case

Charger Power Rating: 125W (28.8V, 5A)

Constant Voltage and Current with trickle charge function

Efficiency: >90% Typical

SPC UNIT COST: (as of Aug*08)

- 36 Volt SPC - \$219.00 for 1-3 units
[or \$209.00 - qtys of 4- 10 units]
- 48Volt SPC - \$269.00 for 1-3 units
[or \$239.00 - qtys of 4-10 units]
- 72Volt SPC - \$359.00 for 1-3 units
[or \$339.00 - qtys 4-10 units]
- 12 Volt SPC - \$119.00 for 1-3 units
[or \$99.00 - qtys of 4-10 units]
- 24 Volt SPC - \$179.00 for 1-3 units
[or \$159.00 - qtys of 4-10 units]
- Call factory for price and availability updates

SOLAR PANELS:

51 Watt @ \$435.00

80 Watt @ \$535.00

SOLAR POWERED BATTERY CABINETS:

Call factory for details