



SP120V110KARV

120VAC 30A RV Surge Protection Device

BAD WOLF LLC
(813) 434-0404

WWW.BADWOLFUSA.COM
SALES@BADWOLFUSA.COM

WARNING SHOCK HAZARD

Improper installation or use may result in injury, death and/or equipment damage.

Follow all cautions and warnings included in the instruction sheet before using this surge protection device (SPD). Do not take apart this SPD as it will void the warranty and may have lethal levels of electricity present internally.

IMPORTANT INSTALLATION INFORMATION

This device is designed to be used with a maximum continuous line load current of 30 Amps or 3600 Watts @ 120VAC. These general instructions do not cover all details, variations, and options for use of this product. If you require further assistance regarding your specific application or installation please contact Bad Wolf for technical support at (813) 434-0404.

- Use of this device above or below the rated voltage will cause damage to the surge protector.
- Never apply DC voltage or use this device on DC electrical circuit.
- The surge protector is not a current limiting device and must always be used in conjunction with a circuit breaker or fuse.
- Verify that the terminals on the electrical connector of the power pedestal and surge protector are free from corrosion and clean before connecting the surge protector. However, it is common that over time this will happen and can cause damage to the surge protector, power pedestal or RV. If the electrical connectors on the surge protector show signs of damage we can repair or replace these connectors for a fee.

WARRANTY INFORMATION

The surge protector comes with a 5-year limited manufacturer warranty. During most minor electrical surges, the surge protector will self-reset once the surge is gone. Large electrical surges may damage this device. This is not a warranty issue but the design of the device. See detailed warranty information on www.badwolfusa.com



SPECIFICATIONS

| | |
|-------------------------------|-------------------|
| Operating Voltage | 120 VAC |
| Maximum Load Amperage | 30A (3600W) |
| Current Consumption (typical) | 2mA |
| Size (WxHxD) | 22" x 4.0" x 4.0" |
| Weight (aprox) | 32oz (2lbs) |
| Lightning and EMP Rating | 110kA (110,000A) |
| 3 Mode Surge Protection | L-N, L-G, N-G |
| Input Voltage Range | 100-140 VAC |

INSTALLATION

SPD Installation

- It is recommended to plug the surge protector into the power pedestal first before connecting the RV. Bad Wolf LLC is not liable for any damage due to improper installation or use.
- Verify that the digital voltmeter and correct polarity lights are on. If the correct lights are not on make repairs to electrical system before continuing.
- Once you have the correct power to the surge protector you may now connect your RV 30A 120V power cord to the surge protector.
- Verify that all of the displays on the surge protector are correct and that the RV has power.
- Register your product at www.badwolfusa.com/register/ to activate your warranty.

POLARITY DISPLAY AND VOLTMETER OPERATION

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|----------------------------------|---------------------|---|--|
| <h1>BAD WOLF</h1> | | www.badwolfusa.com Veteran Owned Made in the USA | |
| OPEN GROUND | R ○ ○ | VOLT METER ON | |
| OPEN NEUTRAL OR HOT/GND REVERSED | ○ G B | VOLT METER OFF | |
| OPEN HOT | ○ ○ ○ | VOLT METER OFF | |
| HOT/NEUTRAL REVERSED | R ○ B | VOLT METER ON | |
| CORRECT | R G ○ | VOLT METER ON | |