

MODEL: SPC122

Stinger[®]

HEAR MUSIC IN COLOR.

1 FARAD PRO DIGITAL CAPACITOR WITH VOLTAGE



SPECIFICATIONS:

Model # SPC-122

1 Farad PRO Capacitor with Blue Digital Voltage Meter

Recommended for systems up to 1000 watts

Capacitance 1,000,000 micro farad (1 Farad)

Working Voltage 16 DCV

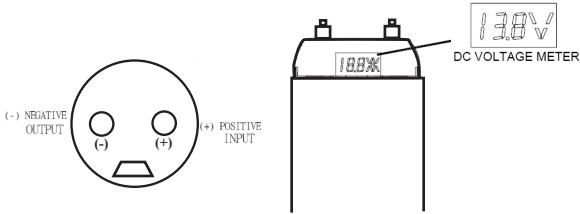
Surge Voltage 20 DCV

E.S.R. (Equivalent Series Resistance).....0.0015 ohm @120hz/ 25°C

Capacitance Tolerance..... ± 10 %

DETAILED FEATURES:

1. 3-digit super bright blue LED display DC voltage meter that can measure 0.01 DCV range.
2. Reverse polarity connection warning buzzer function. If the capacitor is connected incorrectly by reversing the positive and negative wires during the installation process the PCB will issue a 45 second audible warning.
3. Electrolytic capacitor technology to provide the lowest inner E.S.R. and largest instantaneous discharge power. d) High quality 100% solid brass parts
4. Over voltage limit and low battery voltage limit warning. When the system voltage goes ABOVE 17 DCV or BELOW 10 DCV. The buzzer will sound.

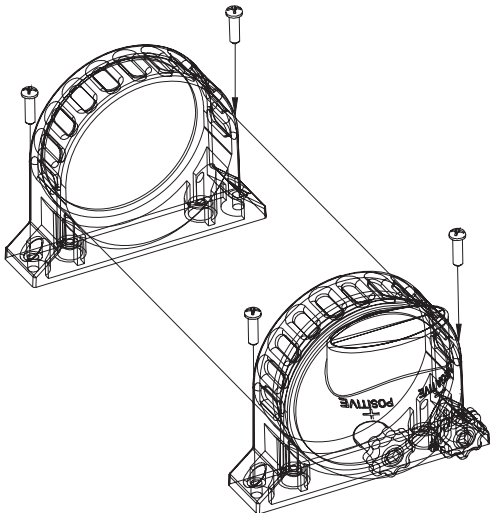


WARNING!!

This power capacitor may explode and cause serious injury if abused or connected improperly. Please refer to the instructions contained in this manual for correct mounting, charging/ discharging and wiring connection for this capacitor prior to installation.

INSTALLATION AND MOUNTING:

Securely mount the capacitor using supplied hardware. Use care when choosing mounting location to avoid moving parts and possible exposure to moisture.



CHARGING THE CAPACITOR AND WIRING:

The capacitor must be charged before connecting the Power and Ground cables to the capacitor. Failure to charge the capacitor will result in a large spark generated from the rapid inflow of current which could damage the terminals.

Charging



1. To Charge the capacitor:
Make Capacitor positive terminal connections with amplifier and tighten the bolt. Do not over-tighten the bolts!

Caution: Stripped terminals are not covered under the capacitor's warranty.

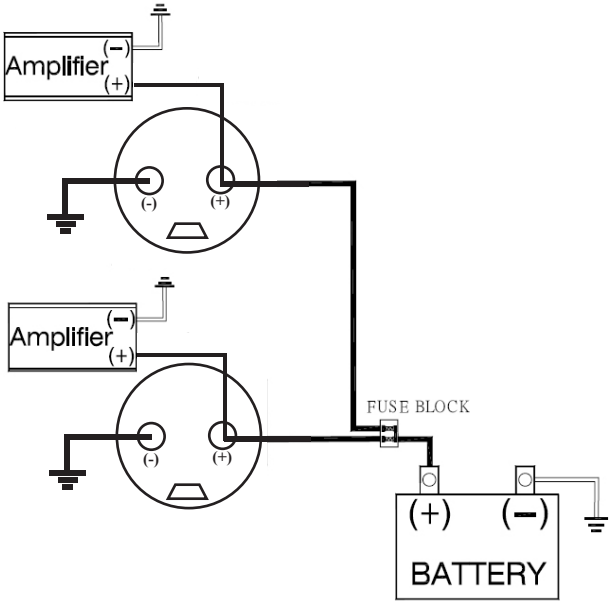
2. Connect the ground cables of the battery, amplifier, and capacitor separately to chassis.
3. Place the supplied charging bulb or resistor between the positive terminal of the capacitor and the battery's positive terminal. Do this for 5 minutes or until the charging bulb goes out.

Caution: The charging bulb will get hot!

4. Immediately after the charging process, take away the charging bulb from the connecting wire, and connect the positive cable to the positive terminal on the capacitor

WIRING THE CAPACITOR:

1. Connect positive output terminal to amplifier(s)
2. Connect negative output terminal to vehicle chassis.
3. Activate car stereo, voltage display will illuminate.

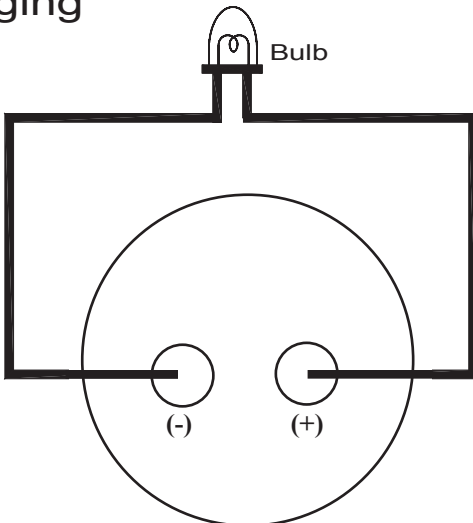


DISCHARGING THE CAPACITOR:

Before removing the capacitor we recommend discharging it (it is not safe to store a charged capacitor):

1. Disconnect supply wire from the capacitor.
2. Place the charging bulb, across the power and ground terminals of the capacitor.
3. It may take several minutes for the bulb to extinguish.
4. Once the bulb is no longer lit, you can continue disconnecting the wiring and dismount the capacitor.

Discharging



WARRANTY Statement

Stinger® Capacitors are nearly indestructible and will provide years of reliable service if installed and used according to the instructions in this manual. Stinger® (“Company”) warrants to the original retail purchaser of this product that should the product or any part thereof be proven defective in material or workmanship within a period of 1 year from date of purchase by original purchaser, such defects will be repaired or replaced, at the Company’s option, without charge for parts or labor.

If you believe you have a defective capacitor, contact Stinger® technical support (727-572-9255 ext.230) to discuss your problem. If it is agreed that the capacitor is defective, the product should be delivered, transportation prepaid to the Authorized Stinger® Dealer it was purchased from for repair or replacement. If you are unable to contact your Authorized Stinger® Dealer, you may contact Stinger® customer service at 727-572-9255 ext. 285 for return authorization instructions.

Items specifically not covered include but are not limited to the following:

- Stripped terminals.
- Broken terminal bolts or studs.
- Blown vent plugs as a result of reverse polarity or over-voltage.
- Physical Damage or Improper Installation

This warranty does not apply to any product or part thereof which has been damaged through alteration, mishandling, misuse, neglect, accident, improper installation or unauthorized repair.

This warranty is exclusive and in lieu of any and all other warranties, expressed or implied, including without limitation the implied warranties or merchantability and fitness for a particular purpose and any obligation, liability, right, claim or remedy in contract or tort, whether or not arising from the company’s negligence, actual or imputed. No person or representative is authorized to assume for the company any other liability in connection with the sale of this product. In no event shall company be liable for incidental or consequential damages

This warranty gives you specific legal rights and you may also have other rights, which vary from state to state, so some of the above limitations or exclusions may not apply to you.



HEAR MUSIC IN COLOR.

XPRT LEVEL PRODUCTS

INTERCONNECTS

POWER WIRE

SPEAKER WIRE

WIRING KITS

HPM DIGITAL CAPACITORS

PRO DIGITAL CAPACITORS

CAPACITORS

BATTERIES

ALTERNATORS

BATTERY TERMINALS

TERMINALS

FUSE HOLDERS

POWER DISTRIBUTION

AMPERAGE & VOLTAGE STATUS BLOCKS

FUSED DISTRIBUTION

ROADKILL

ELECTRONICS

TEXTILES

Stinger®Electronics

13160 56th Court Clearwater, FL 33760

727-572-9255

stingerelectronics.com

©2009 AAMP of Florida™ Inc

