

# QCAvionix LLC

## 22-30 Volt to 13.5 Volt Power Converters Instruction Manual



The QCAvionix Power Converters converts 22-30 Volts D.C. power from your aircraft accessory plug to 13.5 volts D.C. for powering 12-14 volt devices such

as cell phones, computers and DVD players. The electronic switching regulator dissipates minimal power while delivering a clean power at 13.5 volts. They have extra filtering for interference free operation while over-voltage and over-current protection assure the safety of the converter and your equipment.



### Installation

Mount your converter in a clear spot where air can flow around at least three sides of the unit. Do not cover the ventilation slots on the top or mount in a closed space such as a glove box. You can Velcro it to a panel or use sheet metal screws to mount the converter in a clear spot. Plug the fused plug into your accessory jack and the device to be powered in the output jack. Use the Velcro "tie downs" to hold the jacks securely in place as shown in the photo.



Although the converters have over-current and over-voltage protection, to assure proper operation and to prevent overheating, please observe the following limits for your converter. Do not draw more than 10 amperes from the PC2412 or use quick blow fuses larger than 5 amperes. Do not draw more than 15 amperes from the PC2412-10A or use quick blow fuses larger than 10 amperes.

### Specifications

Source: 22-30 Volts - up to 5 Amps for the PC2412 or 8 Amps for the PC2412-10A

Max Output for 1/2 Hour: 13.5 Volts – 10 Amps PC2412, 15 Amps PC2412-10A

Max Continuous Output: 13.5 Volts - 5 Amps, PC2412, 10 Amps PC2412-10A

Dimensions: PC2412, 4 1/2" x 1 9/16" X 1 11/16", PC2412-10A, 4 1/2" x 5 7/8" x 1 11/16"

Weight: PC2412, 9 oz PC2412-10, 24 oz