





**OVER 35 YEARS OF INNOVATION, QUALITY, SAFETY.
IMPORTANT OWNER-OPERATOR INSTALLATION
INSTRUCTIONS**

A7715

This kit is designed to work with either one or two 10 watt solar panels to protect your batteries from overcharging. For additional solar panels, order kit A7713

If you plan to use two or more batteries per 10 watt [solar panel](#), this regulator is not required.

Parts included in this kit:

1x		6 Amp Regulator
4x		Phillips Pan Head #8 x 3/4" Sheet Metal Screws
4x		1/2" x 3/8" x 1/4" Spacers
2x		Zip Ties

Step 1

If your first panel is already installed on the Power Armor Lid, remove the **Phillips Pan Head #8 x 3/8" Sheet Metal Screws** to gain access to the bottom of the 10-Watt Solar Panel.

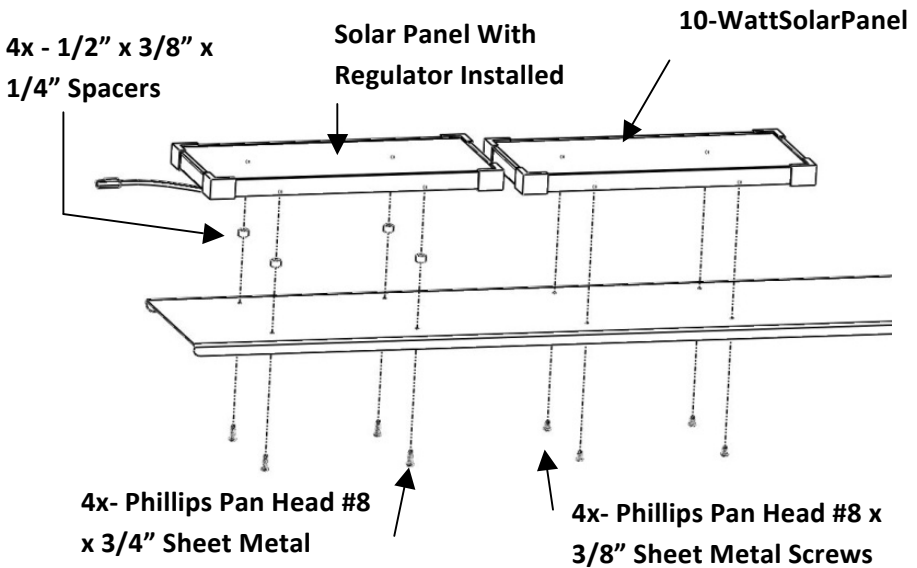
Step 2

Connect both female SAE connectors from the **6 Amp Regulator** to the male SAE connectors on each 10-Watt Solar Panel. Using the piece of **Double Sided Tape** (supplied with Regulator), attach the **6 Amp Regulator** to the bottom of the 10-Watt Solar Panel closest to the left side of the Power Armor.

Step 3

Rest the 10-Watt Solar Panels on top of the Power Armor Lid. The 10-Watt Solar Panel will need to be raised to provide clearance for the **6 Amp Regulator**. Install the four **1/2" x 3/8" x 1/4" Spacers** (included with regulator) between the 10-Watt Solar Panel and the Power Armor lid using the **Phillips Pan Head #8 x 3/4" Sheet Metal Screws** (supplied with regulator). See **Figure 3.1**.

Figure 3.1



The Male end of the **Y-Harness adapter** should stick out approximately six inches from the left side of the Power Armor. Any extra wire can be coiled up and zip tied underneath the **10 Watt Solar Panels**.

Step 4

Next reinstall the 10-Watt Solar Panel without the **Regulator** using the **Phillips Pan Head #8 x 3/8" Sheet Metal Screws** removed in step

1. This 10-Watt Solar Panel will sit as shown in **Figure 3.1**.

For installation of the Power Armor Solar Battery box refer to the instructions included with part numbers **A7706s, A7708s, A7709s, A7710s, A7711s, or A7712s**

For installation of additional solar panels, refer to the instructions included with part number **A7713**.

All solar parts are warranted through Zamp Solar.