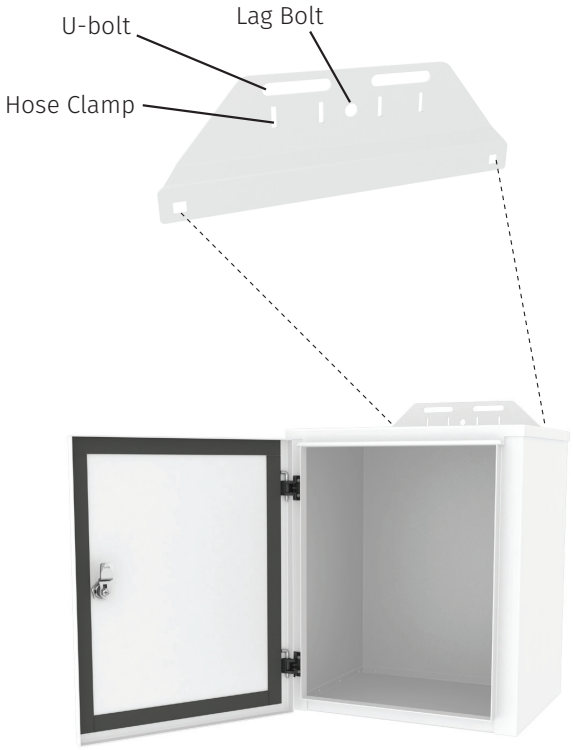
Installation Guide

SXU24V

Mounting the Enclosure

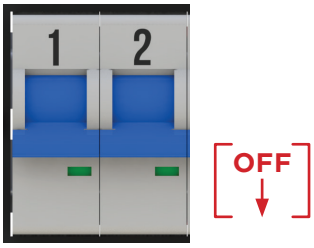
The SXU and SXA enclosures are designed to be mounted to a wall or pole. The enclosure utilizes an integrated mounting plate on the back.



WIRING

STEP 1

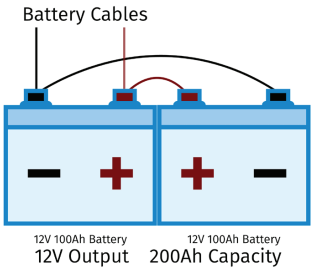
1. Check to ensure that all breakers are in the "OFF" position before connecting any wires to the terminal blocks.



STEP 2

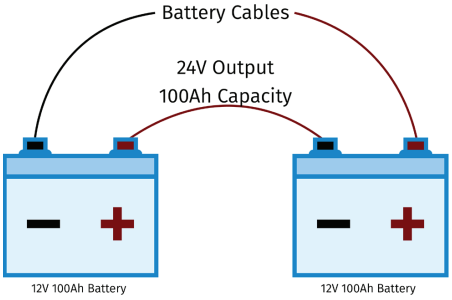
1. If your part # ends with -12V, connect your two 12 Volt Batteries in parallel to keep the battery voltage at 12VDC.
2. If your part # ends with -24V, connect your two 12 Volt Batteries in series to create a 24VDC Battery Bank.

Parallel Connection



*In cold climates SLA batteries require insulation

Series Connection



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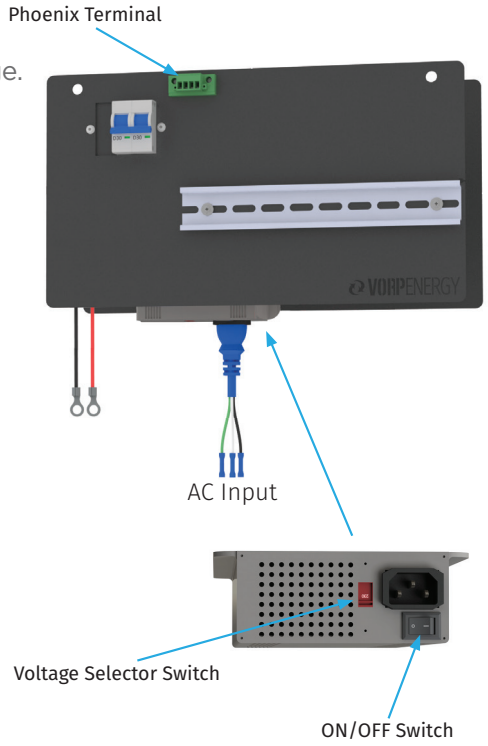
STEP 3

1. Ensure that the Voltage Selector Switch is set to the appropriate Voltage. (Located to the Left of AC Input on Battery Charger)
2. 115 VAC (90 to 132 VAC) *Slide Switch Towards Faceplate
3. 230 VAC (180 to 264 VAC) *Slide Switch Away From Faceplate



STEP 4

1. Passing through the provided cable gland, connect the AC power to the AC Battery Charger using the provided butt connectors.

STEP 5

1. Connect 12/24 VDC Equipment to the green phoenix terminal on the faceplate.
2. Easily mount your PoE and IP equipment onto the DIN rails.

STEP 6

1. Power up the system by first powering the Battery Charger with the ON/OFF switch located behind the AC Input.
2. Then flip Breaker 1 followed by Breaker 2.

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