

New Age Solar

TECHNICAL ASSISTANCE REQUEST

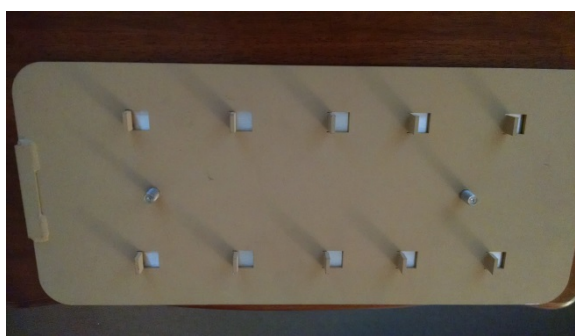
The two-component Mighty Power System™ comprised of the patented PPG and The Mighty Box® provide a number of exciting and innovative features.

However, we realize the need for technical assistance regarding the following items to achieve proof of concept.

The Mighty Power System
Side view – with built-in
fold-out windscreen:



The Claw/Stabilizer with twelve
7/8" protrusions:



► Built-in Fold-out Windscreen and Claw/Stabilizer:

Designed to allow the PPG to withstand high wind loads and seismic activity, the windscreen will prevent the wind coming from the front or back from going under and lifting the PPG. The wind coming from the side will blow straight through. The incorporation of eight claw/stabilizers in every PPG, each having twelve 7/8" long protrusions, are designed to stick into the ground and, with over 200 pounds of solar panels and frame pressing down on top, anchors the PPG to prevent it from being moved during high winds or seismic activity, removing the need for added ballast.

We require wind tunnel testing to determine how the PPG will perform under real world conditions and to know the maximum wind speeds that the PPG will sustain.

The Mighty Power System Front View:



► The Mighty Box and Four PPGS:

Each Mighty Box has two DC inlets on the rear side. Each inlet is designed to receive a maximum of up to two PPGS connected to each other in parallel, for a maximum total of four PPGS per Mighty Box. As two PPGS are connected in parallel, the amperage is doubled. We request technical assistance for electrical testing in order to gain required certifications.

► The Mighty Box:

There are cooling fans built into The Mighty Box to prevent overheating. When the batteries are being charged the fans get very noisy. One of our expressed design features is that we are providing a noiseless system. We would like assistance to remediate this issue.