

## ***TECHNICAL ASSISTANCE REQUEST***

### **Mechanical Design**

One gap is lack of access to a mechanical design team able to help design a housing for this product. Our team has basic mechanical engineering design skills, however could use some assistance in making a solid, manufacturable design.

### **Testing**

The environmental requirements for this product will require an IP-65 rating. A resource to test the product to UL standards is an important, key element that we have only moderate experience with.

### **Power electronics design**

Our team has experience in PCB layout, and in designing electronic power supplies, microcontroller systems, digital communications, and analog systems. We do not have significant experience in designing “power” electronics, so although we can design this part of the system to a large extent, we could utilize support from a power electronics design engineer.

### **Thermal design**

Thermal design is a key aspect of our microinverter, and assistance in modeling the design by a thermodynamic expert would be very valuable to our team.