

Portable Low-Cost Solar Energy for Military Operations

Or Hama Energy

Shortcomings of Existing Portable Solutions

PowermodM' output is 1200 W.

It can produce enough power to run phones, computers, fans, power tools, lights, signs, projectors, gadgets, appliances, and back-lit signage. However, its weight is 259 lbs (60 kg) is prohibitive

Portable solutions – lack the necessary power



Our Portable Solution

- **Solar Flower™ (down right picture) consists of several “petals” that collect and direct solar light onto the receiver. The petals are made of light weight, durable and low cost reflective materials. The petals automatically fold when not in use or in case of strong winds**
- **The receiver (down left picture) is made on the basis of the market available solar cells**
- **The device collects solar radiation from 25m² and generates peak power of 5kWt. Total weight of the device is 4.5kg.**



Innovation & Advantages

Innovation: the only portable low cost solar source providing 5kwt peak power

Advantages:

- ❑ **Light- weight**
- ❑ **Air transportable**
- ❑ **Low cost (\$0.20/watt)**
- ❑ **Easy and swift deployment and installation**
- ❑ **Can be mounted on any terrain or even on the ropes above the ground**
- ❑ **Waste heat in the convenient form (heated air stream) enabling further usage like cooking, drying, heating etc.**
- ❑ **Can be used for waste water treatment, purification**

The Company

Operating since 2012 in stealth mode
Overall investment (cash and in-kind) - over \$2m

**Mr. Gilad Blau, CEO, founder,
inventor, seed investor**

Mr. Ephraim Kholmyansky, COO

