## ELECTRONICS



## **Product Specification**

Ground Renewable Expeditionary Energy Network System (GREENS) 1000W

SOLAR POWER COLLECTION

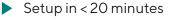
HYBRID POWER GENERATION

HIGH DENSITY ENERGY STORAGE

RAPID ROI >> FUEL, MAINTENANCE AND LOGISTICS

RELIABLE AND COMBAT PROVEN

- Man Transportable
- Requires No Fuel
- Operates Silently
- Rugged & Reliable
- No Maintenance



- Return on Investment = Months
- No Special Handling for Shipping (UN/DOT Class 9 Tested)
- Modular and Scalable (1 to 5 KW)
- Customized as Needed

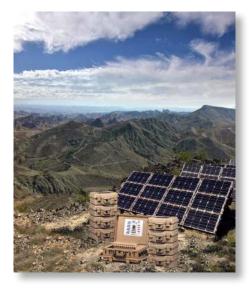








Ground Renewable Expeditionary Energy Network System 1000W Solution saves fuel, money, and reduces the need for generators. This is the first viable solution to replace traditional fuel-fired generators. The system collects solar energy and converts it into usable power. Excess solar energy is stored in the array of high energy density battery systems (HEDBS) for use when solar energy is insufficient. The system is light-weight and easily transportable. The HEDBS is safe, and has been approved as UN/DOT Class 9 for commercial air shipment.



## **GREENS - 1000W**

One system will provide up to 1kW of power, and up to five systems can be paralleled together to provide 5kW of power. No formal operator training is required. System deployment time is quick – 20 Minutes by an untrained user. The system can be used as a completely renewable solution, or can be used in a hybrid configuration with a generator. If used as a hybrid solution, the controller will auto-start the generator if necessary to recharge the batteries, and will run the generator at peak efficiency.



| Standard C | andard Configuration        |             |                       |         |  |
|------------|-----------------------------|-------------|-----------------------|---------|--|
| Quantity   | Description                 | Part Number | Dimensions            | Weight  |  |
| 1          | Controller                  | 0754A08     | 21.2" x 16.0" x 8.3"  | 51 lbs  | Contraction of the local distance of the loc |
| 4          | Battery (HEDBS)             | 0754A12     | 16.5" x 14.0" x 7.0"  | 40 lbs  | And and a second se   |
| 1          | External Cable Kit (1 of 2) | 0754A09     | 24.8" x 19.4" x 13.9" | 77 lbs  | and and I and the state of the   |
|            | External Cable Kit (2 of 2) | 0754A09     | 24.8" x 19.4" x 13.9" | 50 lbs  | ANTINIA AND ADDA DEAL AND  |
| 1          | Power Distribution Kit      | 0754A11     | 24.8" x 19.4" x 13.9" | 52 lbs  | H-1-1-1  |
| Options    | Autostart                   | 0920A01     | 19.8″ x 15.8″ x 7.4″  | 38 lbs  |  |
|            | Output Parallel Adapter     | 0754A07     | 16.0" x 13.0" x 6.9"  | 17 lbs  | Martin Statistics  |
|            | Lead Acid Battery (LATBS)   | 0754A06     | 20.9" x 12.7" x 12.8" | 110 lbs |  |
|            |                             |             |                       |         |  |

## **General Specifications**

UEC Electronics, LLC | 5914 Howard Street | Hanahan, SC 29410 | 843.552.8682 | www.uec-electronics.com | Cage Code 1MCJ4