

Mobile, Deployable, Scalable Micro Grid

Simple Plug & Play Design



This mobile turn-key system is a low cost source of power for remote locations, farms & ranches, pipelines, border security, disaster relief, and even for rural home owners. Also available with large battery storage, generator, & quick deploy folding array options.

Available
**Financing
Options**

How does it work?

The Grid Buster can be powered entirely by solar and batteries. The solar modules produce energy during the day, storing the excess energy in the batteries. In the evening, batteries discharge to provide energy to the site.

The inverters provide a 120V/240V output to a site electrical panel or to standard electrical outlets. The system design includes 2 individual sub systems connected by a single bus, where each sub-system is equipped with solar modules, battery storage and an inverter. The design provides redundancy to ensure continuous operation through any single-mode failures.



Shipped mostly assembled, wired, and tested to reduce on site labor and logistics costs domestically and internationally

Off Grid Power Solutions



Upgrade Packages

- Battery Backup - 30 kWh up to 200 kWh capacity
- Command Center - Surveillance & Communication
- Fuel Generator - For an additional 10-20 kW temporary boost
- Extreme Weather - For below -15° and above 120°
- LED Light Towers - Light up a 300' area



3 kW Unit

Popular Applications

- Agriculture land with high electric bill
- Remote power for cabins & off grid homes
- Irrigation and wells
- Scalable Solar Farm
- Border Patrol Command Center
- Disaster Relief/ Emergency Response
- Land with uncertain development potential

Quick Info

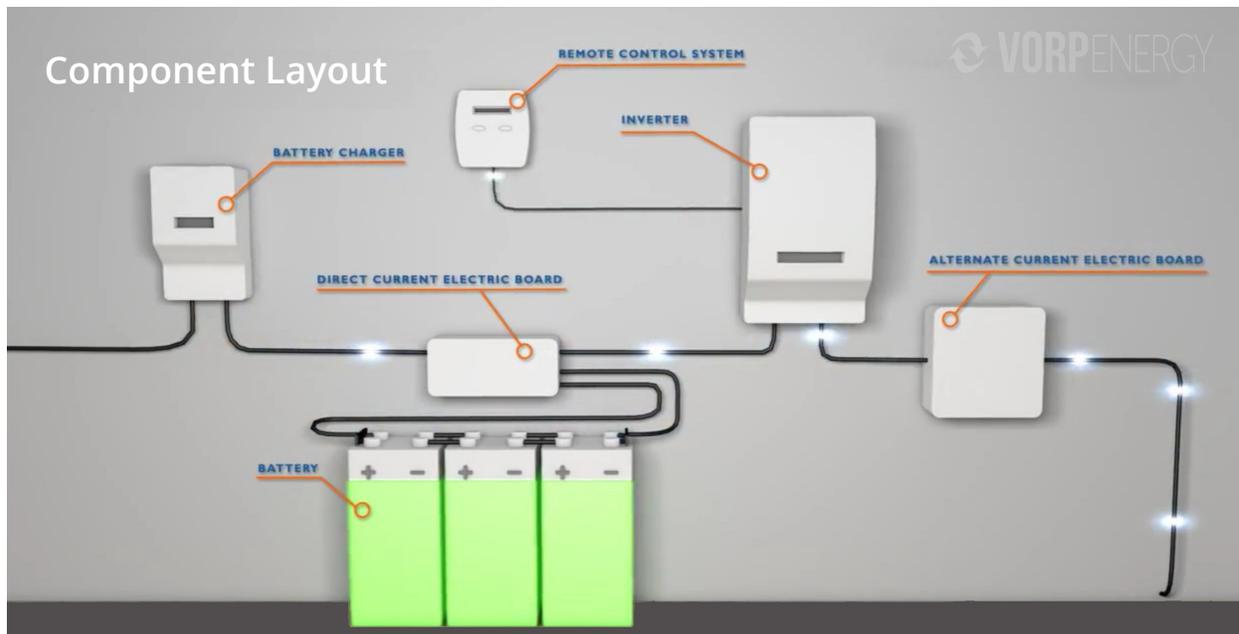
- Each unit holds 10 - 20kW of solar
- 30 - 66 kW maximum AC power output
- 65 - 130 kWh* daily unit energy production
- Very Reliable due to built-in redundancy
- Less than 4-hour assembly time
- Easily scales for larger installations
- Designed and manufactured in the USA
- Solar Panel Warranty - 25 years

* Daily energy output will vary depending on the location and weather conditions.

Specifications	Grid Buster 10 kW	Grid Buster 20 kW
Container Size	20' x 8' x 8.5'	40' x 8' x 8.5'
Weight	~ 8,000 (no batteries)	~ 15,000 (no batteries)
Wind Load Resistance	110 mph at 5° tilt	110 mph at 5° tilt
Array Size (when Assembled)	36' x 20'	36' x 40'
Operating Temp (recommended)	-25° to 145° F with Extreme Weather Upgrade	
Communications	Antenna, Cellular GSM, Satellite	
Daily Energy Production (kW) *	65 kW	130 kW
Output Voltage	120 / 240 (split phase)	
Output Frequency	50 / 60 Hz	
Max AC Power Output (kW)	33 kW (day) 16 kW (night)	66 kW (day) 32 kW (night)
Nominal AC Power Output (kW)	17 kW (day) 10 kW (night)	34 kW (day) 20 kW (night)
Solar Technology	High Efficiency Mono Modules	
Array Tilt	0° - 30°	
Storage Capacity (kWh)	30 - 200 kWh	
Depth of Discharge **	50% - 80%	
Battery Technology	SLA (AGM) or Li-ion	
Battery Lifetime	5 - 12 years (based on battery type & usage)	

* Daily energy output will vary depending on the location and weather conditions.

** Battery storage upgrade options available for size and type



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