



The ZeroBase<sup>®</sup> FORGE<sup>®</sup> (Forward Operating Renewable Generator) system has been developed for harsh and hazardous environments, available in standard configurations designed to deliver up to 4,000 Watts of clean, continuous power.

These systems utilize scalable Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery modules charged with Generator, Grid, or Solar input power converted by optimized electronics into high quality, silent output power.

## Key Features

- Two standard output power options: 300 W and 4000 W
- 120 V or 230 V output
- Designed to meet applicable MIL-STD 810G tests
- Man portable
- LiFePO<sub>4</sub> battery chemistry in 1.3kWh and 3.4kWh module options
- Compatible with all 24 V solar options
- Scalable solar panels up to 4.5 kW
- Impact resistant solar panels IEC 61215 certified
- Generator remote auto-start kit available
- System and battery monitoring options

## Key Benefits

- Silent power source
- Mission-ready
- Quick set-up
- Maintenance free
- Field portable
- Ruggedized packaging
- Proven reliability
- Proven field performance

## Applications

- First responders
- Medical emergencies
- Silent watch
- Disaster relief
- Forward operating bases
- Remote sensors & relays
- GPS systems
- C4ISR equipment
- Force protection systems
- Expeditionary communications

Power Module	LT 300	LT 4K
AC Service (at 60 Hz)	110 ± 3% VAC	120 ± 2% VAC
Solar Input (per battery module)	420 - 1120 W (max)	1120 W (max)
AC Nominal Output	300 W	4000 W
AC Peak Output	700 W	6000 W
DC Output	USB	USB / 24 V
Number of Battery Ports	One (1) 150 A Port	Four (4) 150 A Ports
Enclosure IP Rating	IP54	IP65
Weight Power Module (lbs / kg)	25 / 11.34	94 / 42.64
Dimensions LWH (in)	18.25 x 13.0 x 7.5	17.0 x 25.0 x 16.75
Dimensions LWH (cm)	46.36 x 33.0 x 19.05	43.18 x 63.5 x 42.55
Operating Temp (°F / °C)	-4 to 122 / -20 to 50	
Storage Temp (°F / °C)	-51 to 160 / -46 to 71	

Battery Module Parameters	1.3 kWh	3.4 kWh
DC Voltage	25.6 V	25.6 V
AMP Hours	51 Ah	134 Ah
Wh Capacity	1310 Wh	3440 Wh
Max Output	150 A	150 A
Max Charge	50 A	70 A
Weight (lbs / kg)	41 / 18.6	95 / 43.1
Dimension LWH (in)	18.25 x 13.0 x 7.5	21 x 12.5 x 16.5
Dimension LWH (cm)	46.36 x 33.0 x 19.05	54.6 x 31.8 x 41.9

Solar Module Parameters			
Max Power (Pmax)	560 W	Power Density	8.48A
Rated Voltage (Vpm)	66.26 V	Rated Current (Imp)	177.6 W/m2
Open Circuit Voltage (Voc)	79.2 V	Short Circuit Current (Isc)	9.43A
Weight (lbs / kg)	95 / 43.1	Efficiency (Cell / Module)	20% / 17.8%
Dimensions LWH (in)	68.5 x 42 x 8.25	Dimensions LWH (cm)	982 x 1653 x 38
Operating Temp (°F)	-4 to 140	Operating Temp (°C)	-20 to 60