

# SIMPLIPHI YOUR POWER WITH THE **BIG GENNY** EMERGENCY POWER KIT

## Big Genny and Big Genny Emergency Power Kit (EK)

Dimensions	22" L x 14" W x 9" H / 559 mm L x 356 mm W x 229 mm H
Weight	43 lbs. / 19.5 kg
Charger Connection	Neutrik 3 Pin XLR

## Big Genny and Big Genny EK's Battery

DC Voltage - Nominal	12.8 Volts DC
Amp-Hours	97 Ah
Rated Watt-Hour Capacity	1,240 Watt-hours
Operating / Charging Temperature	32°F to 104°F (0°C to 40°C)
Battery Chemistry	Lithium Ferro Phosphate (LFP)
Memory Effect	None
Charge Retention	< 1% loss per month
Charge Cycles	2,500 cycles

## Big Genny and Big Genny EK's Inverter

Continuous Output Rating	1,000 Watts
AC Output Rating	115 Volts AC +/- 5% / 12.5 Amps AC +/- 5%
Frequency Rating	60Hz ±1
Output Wave Form	Pure Sine Wave
DC Input Rating	12 Volts DC / 100 Amps DC
Input Voltage Range	10.5 to 15.5 Volts DC
Low Battery Alarm	10.5 Volts DC ± 0.5 VDC
Low Battery Shutdown	10.0 Volts DC ± 0.5 VDC
Over Voltage Shutdown	16.5 Volts DC ± 0.5 VDC
No Load Current Draw	<1.0 Amp DC
Optimum Efficiency	>90%
USB Output Rating	5 Volts DC MAX / 2.1 Amps DC
AC Output Sockets	2 x North American Standard Outlets
Fuse Type	100 Amp DC Auto-Reset Circuit Breaker
Operating / Storage Humidity RH	5 to 95%
Cooling System	Thermo Fan

## Big Genny EK's Solar Module (not included with regular Big Genny models)

Peak Output	200 Watts (combined, for the entire array)
MAX Output Voltage (Vmp)	18 Volts DC
Open Circuit Voltage (Voc)	22.5 Volts DC
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Open Circuit Voltage (Voc)	22.5 Volts DC
MAX Output Current (Imp)	11.2 Amps DC
Short Circuit Current (Isc)	11.36 Amps DC
Folded Dimensions	21.1" L x 28.7" W x 0.9" D