


GEN-1640 (4000W-120V-18.2kW-60Hz-16yr-TSW)	Geneforce Emergency Power System
<b>Product Features</b>	
Silent operation. Safe for indoors. No gas or emissions.	
No Installation; No Maintenance; No Permits required.	
Arrives fully charged and ready to work.	
Automatic & one-touch start.	
System Control Panel with Graphical, backlit LCD that displays power reserves, amp hours consumed, fault conditions, solar panel input, charging, power consumption, etc.	
Overheat Temperature Sensor & Automatic Shutdown feature.	
Built-in voltage regulation system for sensitive electronics.	
Built-in 40A solar charge controller for solar panel charging.	
<b>Electrical Specifications</b>	
	<b>GEN-1640 (120V)</b>
Output power (continuous) at 40°C	4,000 W
Output surge power (5 sec)	8,000 W
Continuous AC Output Current	33 A
Output frequency	60 Hz +/- 0.2 Hz
AC Output Operating Voltage Options	105-130 Vac
Output wave form	True sine wave
Input DC voltage range	48 VDC
AC connections	Single in/out
<b>Charger</b>	
Output current	80 A
Nominal DC output voltage	48 VDC
Charge control	3 stages
Continuous AC current (input/output)	Passthrough 40 A
Input AC voltage	120 – 240V
AC Input Voltage: - Single-phase (L1 – N - G)	80 - 138Vac
AC input 1	One 30A, 125-Volt, NEMA L5-30P Plug, 3-wire plug with 8 ft. cord
AC output 1	Four (20A/125V) NEMA 5-20R isolated ground receptacles on one 30A breaker
AC output 2	One 30 Amp, 125-Volt NEMA L5-30R, Twist-lock 3-wire receptacle
Dead battery charge	Yes
Battery bank reserve power	18.2 kW (18,200 Watts)
Amp Hours	1,520 Amp Hours
Battery service life	12 to 16 years on float
Solar charge controller	40A/48V (~1,900 W per hour/sunlight)
<b>General Specifications</b>	
Transfer relay rating	30A Transfer time (AC to inverter and inverter to AC) < 20 ms.
Optimal operating temperature range	14 to 140°F (-10 to 60°C), with output derated above 104°F (40°C)
Storage Temperature Range	-40 to 158°F (-40 to 70°C)
<b>Regulatory approval</b>	
Safety	CSA certified to CSA 107.1 and, conforms to UL Std. UL458 & UL458
EMC directive	47 CFR (FCC) Part 15B, Class B and CAN ICES-3(B) / NMB-3(B)
<b>General Specifications</b>	
Product Dimensions (H x D x W) and weight	(39" x 24" x 36") & (1450 Lbs.) 660 kg.
Shipping Dimensions (H x W x L) and weight	Custom Pallet 42" x 52" x 48" (1700 lbs.) 773 kg.
Construction	Strong Steel, Four Heavy-Duty Casters, Color - Dove Gray
Warranty	2-year warranty on components; up to 5-year free replacement on batteries
Part Number	GEN-1640-120-4000-16-TSW
<b>Price</b>	<b>\$13,979</b>