


GEN-1668H (6800W-19.2kW-60Hz-16yr) Hybrid 120V-240V	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 128 x 64-pixel, backlit LCD displays power reserves, amp hours consumed, fault conditions, solar panel output, charging, power consumption.		
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>		
Output power (continuous) at 25°C		GEN-1668H (120V-240V) 6,800 W
Overload 30 min/60 sec at 25°C	8,500 W / 12,000 W	
Output power (continuous) at 40°C	6,000 W	
Maximum output current 60 seconds (rms)	102 A (120 V); 52 A (240 V)	
Output frequency	50 / 60 Hz selectable	
Output voltage	120 / 240 Vac	
Output wave form	True sine wave	
Input DC voltage range	42 to 60 V (48 V nominal)	
AC connections	Single / Split phase	
<b>Charger</b>		
Maximum output charge current	140 A	
Output charge voltage range	40 – 64 V (48 V nominal)	
Charge control	Three stage, two stage, boost, custom	
Charge temperature compensation	Battery temperature sensor included	
AC input frequency range (bypass/charge mode)	55 – 65 Hz (default) 52 – 68 Hz (allowable)	
AC input voltage limits (bypass/charge mode)	L-N: 78 - 140 V (120 V nominal); L-L: 160 - 270 V (240 V nominal)	
AC input voltage requirements	240V default *phase between L (1) and L (2) must be 180° to qualify AC	
AC input 1	One 60 Amp, 125/250 Volt, NEMA 14-60P, 3P, 4W, Plug and 8 ft. cord	
AC output 1	Four (20A/125V) NEMA 5-20R isolated ground receptacles	
AC output 2	One 60 Amp, 125/250 Volt, NEMA 14-60R, 3P, 4W, flush receptacle	
Grid sell current range on AC1 (selectable limit)	0 to 48 A (120 V) / 0 to 27 A (240 V)	
Battery bank reserve power	19.2 kW (19,200 Watts)	
Battery service life	12-16 years on float	
Solar charge controller	40A/12V (~480 W per hour/sunlight)	
<b>General Specifications</b>		
Automatic transfer relay rating/typical transfer time	60 A/8 ms	
Optimal operating temperature range	-25°C to 70°C (-13°F to 158°F) (power derated above 25°C (77°F))	
System monitoring and network communications	Available	
Intelligent features	Grid sell, peak load shave, generator support, prioritized consumption of battery or external DC energy	
<b>Regulatory approval</b>		
Safety	Components are UL1741, CSA 107.1	
<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	Standard Pallet 48" x 36" x 48" (1700 lbs.) 773 kg.	
Construction	Strong Steel, Four Casters, Color Dove-grey	
Warranty	5-year warranty on components; up to 4-years on batteries	
Part Number	GEN-1668H-120240-6800-16	
<b>Price</b>	<b>\$14,979</b>	