

GEN-1668H (6800W-18.2kW-60Hz-16yr) Hybrid 120V-240V	Geneforce Emergency Power System
Product Features	
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.	
Electrical Specifications	
	GEN-1668H (120V-240V)
Output power (continuous) at 25°C	6,800 W
Overload 30 min/60 sec at 25°C	8,500 W / 12,000 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
Charger	
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
Battery bank reserve power	18.2 kW (18,200 Watt Hours)
Amp Hours	1,520 Amp Hours
Battery service life on float	12 to 16 years on float
Solar charge controller	40A/48V (~1,900 W per hour/sunlight)
General Specifications	
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
Regulatory approval	
Safety	Components are UL1741, CSA 107.1
General Specifications	
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 5-years on batteries
Part Number	GEN-1668H-120240-6800-16
Price	\$15,979
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