


GEN-1638H (3800W-19.2kW-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 30A solar charge controller for solar panel charging.	
Electrical Specifications	
	GEN-1638H (120V-240V)
Output power (continuous) at 25°C	3,800 W
Output power (30 min) at 25°C	4,400 W
Output power (5 sec) at 25°C	7,000 W
Peak current	41 A
Output frequency	50 / 60 Hz selectable
Output voltage	120 / 240 Vac
Output wave form	True sine wave
Input DC voltage range	40 - 68 Vdc
AC connections	Single / Split phase
Charger	
Output current	45 A
Output voltage range	48 Vdc
Charge control	2 or 3 stages
Charge temperature compensation	Battery temperature sensor included
Input current	9 A
Input AC voltage	120 / 240 Vac split phase
Input AC voltage range line to neutral	95 - 135 Vac single phase; 170 - 270 Vac
AC input voltage requirements	240V default *phase between L (1) and L (2) must be 180° to qualify AC
AC input 1	One 30A, 250 Volt, NEMA L14-30P, 3P, 4W, locking plug with 8 ft. cord
AC output 1	Four (20A/125V) NEMA 5-20R isolated ground receptacles
AC output 2	One 30A, 125/250 Volt, NEMA L14-30R, 3P, 4W, locking receptacle
Dead battery charge	Yes
Battery bank reserve power	19.2 kW (19,200 Watts)
Battery service life	12-16 years on float
Solar charge controller	30A/12V (~360 W per hour/sunlight) *(60A/12V-24V) optional
General Specifications	
Transfer relay rating	30A Transfer time (AC to inverter and inverter to AC) <1 cycle (16.7ms)
Optimal operating temperature range	-20°C to 60°C (-4°F to 140°F)
Ingress protection rating	Indoor only, IP20
Regulatory approval	
Safety	Components are (CSA) us mark CSA C22.2, No. 107.1-01 UL1741 Ed.2
EMC directive	FCC Part 15 Class B
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-Black or Charcoal
Warranty	5-year warranty on components; up to 4-years on batteries
Part Number	GEN-1638H-120240-3800-16
Price	\$13,479
Geneforce Incorporated www.geneforcepower.com Tel: (786) 823-0700 email: info@geneforcepower.com	