


GEN-834H (3400W-9.6kW-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 35A solar charge controller for solar panel charging.		
Electrical Specifications		
Output power (continuous) at 25°C		3,400 W
Output power (30 min) at 25°C	4,000 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	20-34 Vdc	
AC connections	Single / Split phase	
Charger		
Output current	90 A	
Nominal output voltage	24 Vdc	
Charge control	3 stages	
Charge temperature compensation	Battery temperature sensor included	
Input current	13 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	9.6 kW (9,600 Watts)	
Battery service life	15+ 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	(36" x 18 x 36") & (885 Lbs.) 402 kg.	
Shipping Dimensions (H x W x L) and weight	Custom Pallet (42" x 36" x 48") and (1,060 lbs.) 481 kg.	
Construction	Strong Steel, Four Casters, Color-Dove Gray	
Warranty	2-year warranty on components; up to 5-years on batteries	
Part Number	GEN-834H-120240-3400-16	
Price	\$10,979	