


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 30A 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	120V and/or 240V default *phase between L (1) and L (2) must be 180°	
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 Watt Hours)	
Amp Hours	800 Amp Hours	
Battery service life	12 to 16 years on float	
Solar charge controller	30A/24V (~700 W per hour/sunlight) *(40A/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 44" 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	
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