




GEN-1480H (7,600W-17.2kW-60Hz-16yr-SW) Hybrid 120V-240V	Geneforce Emergency Power System																																																																																										
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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.	Two 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-1480H (120V-240V)	Output power (continuous) at 25°C	3,800 W x 2 (7,600 W)	Output power (30 min) at 25°C	4,000 W x 2 (8,000 W)	Output power (5 sec) at 25°C	7,000 W x 2	Peak current	41 A x 2	Output frequency	50 / 60 Hz selectable	Output voltage	120 / 240 Vac	Output wave form	True sine wave	Input DC voltage range	24 Vdc x 2	AC connections	Single / Split phase	Charger		Output current	45 A x 2	Nominal output voltage	24 Vdc	Charge control	3 stages	Charge temperature compensation	Battery temperature sensor included	Input current	12 A x 2	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 (Default, not configured)	240V default *phase between L (1) and L (2) must be 180° to qualify AC	AC input 1	One 60A/125V, NEMA L14-60P, 2P, 3W, locking plug with 8 ft. cord (6-3)	AC output 1	Four (20A/125V) NEMA 5-20R isolated ground receptacles	AC output 2	Two 30A, 125/250 Volt, NEMA L14-30R, 3P, 4W, locking receptacle	Dead battery charge	Yes	Battery bank reserve power	17.2 kW (17,280 Watts)	Battery service life	12-16 years on float	Solar charge controller	40A/24V	General Specifications		Transfer relay rating	2 x 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	(52" x 24 x 46") & (1,530 Lbs.) 695 kg.	Shipping Dimensions (H x W x L) and weight	Custom Pallet 58" x 46" x 52" (1,780 lbs.) 809 kg.	Construction	Strong Steel, Four Casters, Color- Dove Grey	Warranty	5-year warranty on components; up to 4-years on batteries	Part Number	GEN-1480H-120240-6800-16-SW	Price	\$19,279
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