


| GEN-2034H (3400W-22.8kW-60Hz-16yr) Hybrid 120V-240V   | Geneforce Emergency Power System   |
|---|--|
| <b>Product Features</b>   |  |
| 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 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.  |  |
| <b>Electrical Specifications</b>  |  |
|   | <b>GEN-2034H (120V-240V)</b>   |
| 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 - 34Vdc   |
| AC connections  | Single / Split phase   |
| <b>Charger</b>  |  |
| Output current  | 90 A   |
| Output voltage range  | 24 Vdc   |
| Charge control  | 3 stages   |
| Charge temperature compensation   | Battery temperature sensor included  |
| 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, 125/250 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  | 22.8 kW (22,800 Watt hours)  |
| Amp Hours   | 1,900 Amp Hours  |
| Battery service life  | 12 to 16 years on float  |
| Solar charge controller   | 30A/24V (~360 W per hour/sunlight)      *(40A/24V) optional                        |
| <b>General Specifications</b>   |  |
| 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)  |
| <b>Regulatory approval</b>  |  |
| Safety  | Components are (CSA) us mark CSA C22.2, No. 107.1-01 UL1741 Ed.2                   |
| EMC directive   | FCC Part 15 Class B  |
| <b>General Specifications</b>   |  |
| Product Dimensions (H x D x W) and weight   | (36" x 24" x 36") & (1740 Lbs.) 790 kg.  |
| Shipping Dimensions (H x W x L) and weight  | Standard Pallet 48" x 52" x 48" (2000 lbs.) 909 kg.                                |
| Construction  | Strong Steel, Four Casters, Color Dove Grey  |
| Warranty  | 2-year warranty on components; up to 5-years on batteries                          |
| Part Number   | GEN-1634H-120240-3400-16   |
| <b>Price</b>  | <b>\$14,479</b>  |
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