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| **GEN-830H** (3000W-10kW-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-830H (120V-240V)** | |
| Output power (continuous) at 25°C | 3,000 W | |
| Output power (30 min) at 25°C | 3,300 W | |
| Output power (5 sec) at 25°C | 5,000 W | |
| Peak current | 24.3 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 | 65 A | |
| Output voltage range | 12-32 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 | |
| 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 | 10 kW (10,080 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 | (36" x 18 x 36") & (730 Lbs.) 332 kg. | |
| Shipping Dimensions (H x W x L) and weight | Standard Pallet 42” x 36” x 48” (800 lbs.) 364 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-830H-120240-3000-16 | |
| **Price** | **$10,479** | |
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