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| **GEN-830** (120V-3000W-10kW-60Hz-16yr) | **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-830 (120V)**  |
| Output power (continuous) | 3,000 W  |
| Surge power (AC amps) | 6,000 W  |
| Peak output current | 80A |
| Output frequency regulation | 60 Hz +/- 0.2 Hz |
| Voltage regulation | 120 V +/-5% true RMS  |
| Output wave form | True Sine Wave  |
| Service Life | 12-16 years  |
| Stored battery reserves | 10 kW (10,080 Watts) |
| AC input 1 | One (30A/125V) NEMA L5-30P input plug with 8 ft. cord |
| AC output 1 | Four (20A/125V) NEMA 5-20R isolated ground receptacles |
| AC output 2 | One (30A/125V) NEMA L5-30R female receptacle |
| Automatic transfer switch | 30A (Transfer time < 20 ms.) |
| Charge rate  | 150 A DC |
| AC input voltage range | 85 - 140 Vac |
| Charge control | 3-stage (Bulk, Acceptance, Float) |
| Solar charge controller | 30A/12V (~360 W per hour/sunlight) \*(60A/12V-24V) optional |
| **General Specifications** |   |
| Optimal operating temperature range | - 4°F to 140°F (- 20°C to 60°C) |
| Monitor | LED Display (reads V, DC amps, Power Share, etc.) |
| 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 | 24-month warranty on components; up to 4-years on batteries |
| Part Number | GEN-830-120-3000-16 |
| **Regulatory Approvals & Protection** |  |
| Safety - UL Listing | Components ETL certified to CSA 107.1, UL458 with marine supplement, FCC Part 15, Class B |
| Voltage Regulation | Over voltage and under voltage protection |
| Temperature & output | Over-temperature & overload protection |
| Electrical | Short circuit protection |
| **Price** | **$9,297** |
| **Geneforce Incorporated** [**www.geneforcepower.com**](http://www.geneforcepower.com) **Tel: (305) 215-5443 email:** **sales@geneforcepower.com** |