|  |  |
| --- | --- |
| **GEN-825** (120V-2500W-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. Automatic & one-touch start. |
| Multi-colored LED displays state of charge, AC input, DC volts and DC amperage, etc... |
| Overheat Temperature Sensor & Automatic Shutdown feature. |
| Built-in voltage regulation system for sensitive electronics. |
| Built-in (120V/30A) Automatic Transfer Switch. |
| Built-in 30A solar charge controller for charging with solar panels. |
| **Electrical Specifications** | **GEN-825 (120V)** |
| Output power (continuous) | 2,500 W |
| Surge power (AC amps) | 7,500 W (62.5A) |
| Output frequency regulation | 60 Hz |
| Voltage regulation | 120 V +/-5% true RMS |
| Output wave form | Modified 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 0.8 milliseconds) |
| Charge rate | 130 A DC |
| AC input voltage range | 90 - 130 VAC |
| Charger 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 | 32°F – 104°F (0°C – 40°C) \*derated below 0°C and above 40°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 |
| Warranty | 30-month warranty on components; up to 4-years on batteries |
| Part Number | GEN-825-120-2500-16 |
| **Regulatory Approvals & Protection** |  |
| Safety - UL Listing | Components UL & cUL listed to 458 Standards and CSA C22.2 No. 107.1/107.2 standards |
| Voltage Regulation | Over voltage and under voltage protection |
| Temperature | Over-temperature protection |
| Output | Overload Protection |
| Electrical | Short circuit protection |
| **Price** | **$8,997** |
| **Geneforce Incorporated** [**www.geneforcepower.com**](http://www.geneforcepower.com) **Tel: (305)215-5443 email:** [**sales@geneforcepower.com**](mailto:sales@geneforcepower.com) | |