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| **GEN-425** (120V-2500W-5kW-60Hz) | **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. |  |
| 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 A/C Transfer Switch. |  |
| Built-in 30A solar charge controller charging with solar panels. |  |
| **Electrical Specifications** | **GEN-425 (120V)** |
| Output power (continuous) | 2,500 W |
| Surge power (AC amps) | 7,500 W (62.5 A) |
| Output frequency regulation | 60 Hz |
| Voltage regulation | 120 V +/-5% true RMS |
| Output wave form | Modified Sine Wave |
| Service Life | 7-8 years |
| Stored Battery Reserves | 5 kW (5,040 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 |
| 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 | 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.) |
| Dimensions (H x W x D) and weight | (35" x 18" x 24") & (385 Lbs.) 175 kg. |
| Shipping Dimensions (H x W x L) and weight | Standard Pallet 42” x 36” x 48” (435 lbs.) 198 kg. |
| Construction | Strong Steel, Four Casters, Color-Black |
| Warranty | 30-month warranty on components; one-year on batteries |
| Part Number | GEN-425-120-2500 |
| **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** | **$5,797** |
| **Geneforce Incorporated** [**www.geneforcepower.com**](http://www.geneforcepower.com) **Tel: (305) 215-5443 email:** [**sales@geneforcepower.com**](mailto:sales@geneforcepower.com) | | |