|  |  |
| --- | --- |
| **GEN-1100** (120V-3000W-60Hz-7.5kW-16yr) | **Geneforce Emergency Power System** |
| **Product Features** |
| Silent operation. Safe for indoors. No gas or emissions. |
| No Installation; No Maintenance; No Permits required |
| Automatic & one-touch start. May Connect to Breaker Box. |
| Advanced System Control Panel with Graphical 128 x 64-pixel, backlit LCD display that allows for setup and monitor of entire system including multiple solar charge controllers and auxiliary battery banks. Panel displays power reserves, amp hours consumed, fault conditions, solar panel output, charging, power consumption. |
| Pure Sine Wave and Built-in voltage regulation system provides clean output for sensitive electronics. |
| Built-in (30A) Automatic A/C transfer switch. |
| Temperature compensated charging for varying climate conditions |
| Power factor corrected multi-stage charger for fast, efficient charging |
| **Electrical Specifications** | **GEN-1100 (120V)** |
| Output power (continuous at 40°C) | 3,000 W |
| Surge rating (5 seconds) | 6,000 W |
| Peak Output Current | 80A |
| Output frequency regulation | 60 Hz +/- 0.2 Hz |
| Output Voltage | 120 Vac |
| Output wave form | True Sine Wave |
| AC connections | Split phase in / dual out, Dual in / dual out |
| **Charger** |  |
| Output current (continuous at 25°C) | 150 A |
| Output voltage | 12 Vdc |
| Charge control | 3-stage (Bulk, Acceptance, Float) |
| Charge temperature compensation | Remote battery sensor (included) |
| Input current (for maximum charging) | 24 A rms nominal |
| Input AC voltage | 120 Vac |
| Input AC voltage range | 85 - 140 Vac |
| Dead battery charge | > 5 Vdc |
| **General specifications** |  |
| Transfer relay rating | 2 legs at 30 A each |
| AC Automatic transfer switch | (30A/125V) |
| Transfer time (AC to inverter and inverter to AC) | < 20 ms |
| Optimal operating temperature range | - 4°F to 140°F (- 20°C to 60°C) |
| Storage ambient temperature range | - 40°F to 185°F (- 40°C to 85°C) |
| Service Life (on float charge) | 12-16 Years |
| Stored Electrical Energy (battery reserve) | 13.2 kW (13,200 Watts) |
| AC input 1 | (30A/125V), 3-wire, Male Twist-lock plug |
| AC input 2 (optional input for auxiliary generator) | (30A/125V) \*installed, not connected |
| AC output 1 | Four (20A/125V) Isolated Ground Receptacles |
| AC output 2 | (30A/125), 3-wire, Female Twist-lock receptacle |
| Solar Charge Controller (included) | (30A/12V) (~400W per hour of sunlight) \*(60A/24V) optional |
| **General Specifications** |  |
| Monitor | LED Display (Reads V, Amps, DC amps, State of Charge, etc.) |
| Dimensions (H x D x W) | 36" x 18" x 36" |
| Construction | Four Heavy Duty Casters, Heavy Steel Enclosure, Color - varied |
| Weight | 950 lbs. |
| Warranty | 2 Year on Components; Up to 4 years on Batteries |
| Part numbers | GEN-1100-120-3000-16YR |
| **Regulatory Approvals & Protection** |  |
| Safety - UL Listing | Components ETL certified to CSA 107.1, UL458, FCC Part 15, Class B |
| Voltage Regulation | Over voltage and under voltage protection |
| Temperature | Over-temperature protection |
| Output | Overload Protection |
| Electrical | Short circuit protection |
| **Price** | **$10,797** |
| **Geneforce Incorporated** [**www.geneforcepower.com**](http://www.geneforcepower.com) **(305) 215-5443 email:** [**sales@geneforcepower.com**](mailto:sales@geneforcepower.com) | |