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|  **GENEFORCE EMERGENCY POWER SYSTEM**   |     |
|  **GEN-840H** 4000 W – (120V/240V) - 10 kW – 16 Yr.  |
| **Product Features**   |
| Silent operation; Safe for indoors; No gas or emissions; No Maintenance or permits required; Automatic & one-touch start; Remote monitoring & configuration.  |
| 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.  |
| Dual AC inputs with capability to work with two-wire and three-wire generator starting systems  |
| May be used with a solar panel array to recharge 12V DC  |
| True sine wave and Built-in voltage regulation system provides clean output for sensitive electronics.  |
| **Electrical Specifications**   | (**GEN-840H**) 120V/240V |
| Output power (continuous) at 25°C |  3800 W |
| Output power (30 min) at 25°C |  4400 W |
| Output power (5 sec) at 25°C |  7000 W |
| Peak current |  41 A |
| Output frequency |  50 / 60 Hz selectable |
| Output voltage  |  120 / 240 Vac |
| Output wave form |  True sine wave |
| Optimal efficiency |  94% |
| Idle consumption search mode |  <11 W |
| Input DC voltage range |  40 - 68 Vdc |
| AC connections |  Single / Split phase |
| **Charger** |   |
| Output current |  45 A |
| Nominal output voltage |  48 Vdc |
| Output voltage range |  24 - 64 Vdc |
| Charge control |  2 or 3 stage |
| Charge temperature compensation |  Battery temperature sensor included |
| Optimal efficiency |  92% |
| AC input power factor |  > 0.98 |
| Input current |  12 A |
| Input AC voltage |  120 / 240 Vac split phase |
| Input AC voltage range line to neutral |  95 - 135 Vac single phase; 170 - 270 Vac |
| Dead battery charge |  Yes |
| Battery bank reserve power |  10,080 W |
| Battery service life |  12-16 years on float |
| **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) |
| Storage ambient temperature range |  -40°C to 85°C (-40°F to 185°F) |
| Humidity Operation / storage |  < 95% RH, non-condensing |
| Ingress protection rating |  Indoor only, IP20 |
| Altitude (operating) |  2000 m (6562 ft) |
| System network and remote monitoring |  Available |
| Part number |  GEN-840-4000-120240-16  |
| Product/shipping weight |  393.0 kg (865.0 lb) |
| Product dimensions (H x W x D) |  (36” x 36” x 18”); Heavy steel - includes casters |
| Shipping dimensions (H x W x D) |  40” x 48” x 36” standard pallet |
| Warranty (depending on the country of installation) |  5 yr. warranty-components; 4 yr. warranty-batteries |
| Features |  |
| System monitoring and network communications |  Available |
| 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 |
| Warranty |  2-5 years on components; 4 years on batteries. |
| **Price**  |  **$11,279**  |
| **Geneforce Incorporated** [**www.geneforcepower.com**](http://www.geneforcepower.com) **Tel: (305) 215-5443 email:** **sales@geneforcepower.com** |