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|  **GEN-3545** 4500W - 120V/240V - 60Hz - 48V – 42.2kW - (60) |  **Geneforce Emergency Power System** C:\Users\chinos333\Documents\Geneforce Incorporated\Website Info - gn\Geneforce _ A rechargeable gas-free generator that is safe for indoors_files\Geneforce-2000-260x185.jpg |
| **Product Features**   |
| Silent operation. Safe for indoors. No gas or emissions. No installation, maintenance or permits required. Automatic & one-touch start.  |
| 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, etc.  |
| 120/240V AC single phase operation  |
| Built-in 60A Automatic A/C transfer switch.  |
| Can be used with a solar panel array to recharge 12V-24V DC  |
| True sine wave and Built-in voltage regulation system provides clean output for sensitive electronics.  |
| Dual AC inputs with capability to work with two-wire and three-wire generator starting systems  |
| **Electrical Specifications**   |   |
| Continuous Output Power  | 4500W – 120V/240V AC  |
| Surge power  | 9000W  |
| Input Voltage (240V by Default)  | 240V AC (L-L) - bypass/charge mode 120V AC (L-N) - bypass/charge mode 50.4V DC  |
| Input Current  | 96A DC at rated power  |
| Input Frequency  | 44...70Hz - bypass/charge mode (allowable) 55...65Hz - bypass/charge mode (default) 59.4...60.4Hz +/- 0.05 Hz - sell mode  |
| Output wave form (signal type)  | True Sine Wave  |
| Service Life (No Maintenance)  | 12-16 Years  |
| Stored Electrical Energy  | 42.2 kW (42,240 Watts)  |
| Charging Current  | 85A  |
| Input Current  | 96A DC at rated power  |
| AC Input 1 (Grid) (240V by Default)  | 240V/120V (6AWG-4 Wire) 60A 2-Pole breaker & box  |
| AC Input 2 (Generator) (240V by Default)  | 240V/120V (6AWG-4 Wire) 60A 2-Pole breaker & box  |
| AC Output 1  | 120V/240V (6AWG-4 Wire) 60A 2-Pole breaker & box  |
| Automatic Transfer Relay  | 60A  |
|  Solar Charge Controller  | Output (60A/12V-24V DC) Maximum Output 800W /hour |
| **General Specifications**   |   |
| Optimal operating temperature range  | -25…70 °C  |
| Monitor (two monitors)  | Graphical 128 x 64 pixel, backlit LCD Display (reads V, Ah, etc.)  |
| Dimensions (H x W x L)  | 48" x 24" x 36"  |
| Heavy Steel Construction  | Color – Black  |
| Weight  | 2,470 lbs.  |
| Warranty  | 5 years on components; 4 year cells  |
| Part numbers  | GEN-3545-4500-60/24  |
| Regulatory approvals  | Components UL & cUL Listed  |
| **Price**   | **$20,997**   |
| **Geneforce Incorporated** [**www.geneforcepower.com**](http://www.geneforcepower.com) **(305)215-5443 email:** **sales@geneforcepower.com** |