


GEN-420 (120V-2000W-5kW-60Hz-16yr-TSW)	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.	
Display Panel monitors the system status, displays state of charge, AC input, DC volts and DC amperage and more.	
True Sine Wave AC Power for operation of sensitive and motor loads	
Power Share Prioritizes AC loads by reducing the charge current and maintaining the total input current to less than the breaker setting	
Built-in 30A AC Transfer Relay Senses when outside AC Power is interrupted and restored	
Built-in 30A (400W) solar charge controller for recharging with solar panels.	
Electrical Specifications	
Output power (continuous)	GEN-420 (120V) 2,000 W (16.7A)
Surge power (AC amps)	4,000 W
Frequency (Configurable)	60 (or 50) Hz
AC Output Operating Voltage Options	120, 110, 108 Vac
Output Wave Form	True Sine Wave
Battery Service Life on Float	12 to 16 years battery life
Safe Non-Operating Input AC Voltage Range	Up to 240 Vac
Stored Battery Power Reserve	5 kW (5,040 Watt Hours)
Amp Hours	420 Amp Hours
AC Input 1 *(20A/125V input plug is optional)	One (30A/125V) NEMA 5-30P twist-lock plug with 8 ft. cord
AC Output 1	Four (20A/125V) NEMA 5-20R isolated ground receptacles
AC Output 2	One (30A/125V) NEMA 5-30R Twist-lock female receptacle
Automatic Transfer Switch	30A (Transfer time 0.8 milliseconds)
Charge Rate - Selectable DC Output Current	User Selectable: 5 - 80 A
Operating Input AC Pass-Through Voltage Range	85-140 VAC
Power Factor Corrected Multi-Stage Charging	3-stage charging and reduces tripping of incoming AC breakers.
Solar Charge Controller (included)	30A/12V (~360 W per hour/sunlight)
General Specifications	
Optimal operating temperature range	4 to 140 °F (-20 to 60 °C), with output derated
Monitor	LED Display (reads V, DC amps, Power Share, etc.)
Generator Dimensions (H x W x D) and weight	(35" x 18" x 24") & (450 Lbs.) 205 kg.
Shipping Pallet Dimensions (H x W x L) and weight	Custom Pallet 42" x 44" x 48" (< 600 lbs.) 273 kg.
Construction	Strong Steel, Four Casters, Color is Dove Grey
Warranty	2-year warranty on components; Up to 5-years on batteries
Part Number	GEN-420-120-2000-16-TSW
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, Output & Electrical Protection	Over-temperature, Overload, Short Circuit
Price	\$5,797
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Revised Jan 2024	