


GEN-2020 (120V-2000W-22.8kW-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 electronics 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-2020 (120V)
Surge power (AC amps)	2,000 W (16.7A)
Frequency (Configurable)	4,000 W
AC Output Operating Voltage Options	60 (or 50) Hz
Output Wave Form	120, 110, 108 Vac
Battery Service Life on float	True Sine Wave
Safe Non-Operating Input AC Voltage Range	12 to 16 years battery life
Stored Battery Reserves	Up to 240 Vac
Amp Hours	22.8 kW (22,800 Watt Hours)
AC Input 1 *(20A/125V input plug is optional)	1,900 Amp Hours
AC Output 1	One (30A/125V) NEMA 5-30P twist-lock plug with 8 ft. cord
AC Output 2	Four (20A/125V) NEMA 5-20R isolated ground receptacles
Automatic transfer switch	One (30A/125V) NEMA 5-30R Twist-lock female receptacle
Charge Rate - Selectable DC Output Current	30A (Transfer time 0.8 milliseconds)
Operating Input AC Pass-Through Voltage Range	User Selectable: 5 - 80 A
Power Factor Corrected Multi-Stage Charging	85-140 VAC
Solar Charge Controller (included)	3-stage charging and reduces tripping of incoming AC breakers.
General Specifications	
Optimal operating temperature range	30A/12V (~360 W per hour/sunlight)
Monitor	4 to 140 °F (-20 to 60 °C), with output derated
Generator Dimensions (H x W x D) and weight	LED Display (reads V, DC amps, Power Share, etc.)
Shipping Pallet Dimensions (H x W x L) and weight	(36" x 24" x 36") & (1715 Lbs.) 779 kg.
Construction	Standard Pallet 48" x 52" x 48" (1975 lbs.) 898 kg.
Warranty	Strong Steel, Four Casters, Color is Dove Grey
Part Number	2-year warranty on components; up to 5 years on batteries
Regulatory Approvals & Protection	
Safety - UL Listing	GEN-2020-120-2000-TSW-16
Voltage Regulation	Components UL & cUL listed to 458 Standards and CSA C22.2 No. 107.1/107.2 standards
Temperature, Output & Electrical Protection	Over voltage and under voltage protection
Price	Over-temperature, Overload, Short Circuit
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