



Technical Specification - GHF Series

MODEL	GALAXY-1000	GALAXY-2000	GALAXY-3000	GALAXY-6000	GALAXY-10000
RATING	1KVA/800 W	2KVA/1600 W	3KVA/2400W	6KVA/4800W	10KVA/8000W
TECHNOLOGY	High Frequency True Online Double Conversion PWM IGBT Based				
INPUT					
Input Phase	Single Phase Input				
Input Voltage range	110V-300V AC at 50% load 160V-270V AC at 100% load				
Frequency	40 Hz– 70 Hz				
Power factor	0.99				
OUTPUT					
Output Phase	Single Phase				
Output Voltage Range	Single phase 208/220/230/240VAC \pm 1%				
Voltage regulation	\pm 1%				
Frequency	50 HZ \pm 0.1%				
Power Factor	>0.8				
Efficiency AC -AC at 100% load	\geq 94%				
Crest Factor	3:1				
THD	<Than 2% on linear load, and < 5% on Non linear load				
Wave Form	Pure Sinewave				
Over Load	100% Continuous, \leq 125% -10 Min, 125-150%-60 Sec, > 150% 10 Sec				
Static/Manual Bypass	Manual Bypass / Static Bypass Optional				
BATTERIES					
DC Voltage	36V/48	48/72/96 V		192-240 VDC	
Charger Capacity	4 Amp/6 Amp/ 10 Amp, (Configurable)				
Recharge Time	8-10 Hrs				
Extended Charger	Available				
INTERFACE COMMUNICATION					
Standard	Rs232				
Optional	SNMP/ ModBus / Dry Contact / RS-485				
ISOLATION TRANSFORMER	Optional (Same Model available with built in isolation transformer)				
REDUNDANCY	1. Hot stand By Available 2. Parallel Redundancy - optional				
OTHERS					
Display (Imp. Parameters)	LED/DIGITAL	LCD			
Operation with DG	Compatible with DG Power Source				
Operating Temp. Humidity	0-45 °C, 0 -95% RH (Non-Condensing)				
Remote Operation	Remote on/off control panel (optional)				
Noise Level	Less than 50 db at 1 mtr Distance				
Protections	DC High Voltage cut off, DC Low Voltage cut off, Over Load, Short circuit, High Temp (Optional), Fan Fail (Optional)				
LCD /LED Indications	AC Mains voltage/Frequency, DC Voltage / Charging V, AC Output V/Frequency, Battery Mode, Load Graph/ Batt Graph				
Alarms	Mains Fail, DC High, DC Low, Overload				
Quality	ISO 9001:2015				
Performance	Compliance to IEC/EN62040-2, IEC/EN62040-3, CE				
Safety	Compliance to IEC/EN62040-1				
Dimensions WxDXH in cms(+/- 10%)	15x40x22 15x40x42(WI)	20x47x40 15x47x55(WI)		25X50X44 25X50X74(WI)	
Weight Kg (+/- 10%)	6 kg/ 9 kg (WI)	11 kg / 22 kg (WI)		20 kg/ 45 kg (WI)	

*Specifications are subject to change without any prior notice *cms(centimetres), *Kg (Kilograms), *WI(With isolation transformer)

*Due to regular upgradation picture and actual product may vary

