

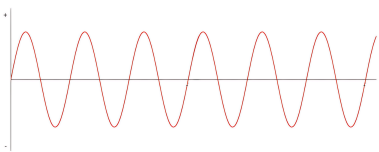
GHF SERIES

GHF SERIES: ONLINE UPS 1KVA-10KVA (Single Phase Output)

Galaxy: देश का UPS

Empowering You Empowering India

POWER BACKUP AND PROTECTION FOR CRITICAL LOAD



GHF Series is a single-phase double-conversion online uninterruptible power supply with high-frequency PWM technology. It suits all critical loads with complete power protections with the option of a built-in/external Isolation Transformer.

Features:

- True Online UPS
- High Frequency
- IGBT-based inverter and Rectifier
- High Input Power Factor (0.99)
- Extended Charger Capacity
- Optional Inbuilt / External Isolation transformer
- Interface Communication, RS232 & SNMP(Optional)

Application:

- IT Equipment
- Servers Data Centres
- Communication Equipment
- SOHO
- BFSI
- ATMs
- Medical Equipment



Datacenter



Telecom



Industrial



Network



Security



Banking



Lab



Medical



Petrol Pump





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 | 90V-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 +/- 1% | | | | |
| Voltage regulation | +/- 1% | | | | |
| Frequency | 50 HZ -+ 0 .1% | | | | |
| Power Factor | >0.8 (STD), >0.9 (Optional) | | | | |
| Efficiency AC -AC at 100% load | ≥94%, 99% (On ECO Mode) | | | | |
| Crest Factor | 3:1 | | | | |
| THD | <Than 2% on linear load, and < 5% on Non-linear load | | | | |
| Wave Form | Pure Sinewave | | | | |
| Over Load | 100% Continuous, < 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 / Compatibility | Available / SMF/Li-ion | | | | |
| 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 Certification | ISO 50001:2018, ISO 45001:2018, ISO14001:2015, ROHS, BIS, CE | | | | |
| Performance | Compliance to IEC/EN62040-2, IEC/EN62040-3, CE | | | | |
| Safety | Compliance to IEC/EN62040-1 | | | | |
| Dimensions WxDxH in mm (+/- 10%) | 144x400x215 144x400x420(WI) | 192x469x400 192x469x550(WI) | | 220X481X440 250X500X740(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 *mm (Millimeter), *Kg (Kilograms), WI (With isolation transformer) *Due to regular upgrade on picture and actual product may vary.

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