

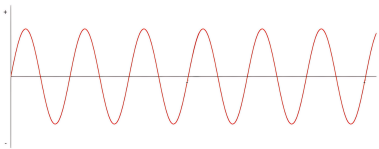
GPT-H Series 3:3

GPT-H SERIES: ONLINE: UPS 100 KVA-200 KVA 3:3 (Three Phase Input/Three Phase Output)

Galaxy: देश का UPS

Empowering You Empowering India

POWER BACKUP AND PROTECTION FOR CRITICAL LOAD



GPT-H Series is designed in DSP technology & with the Latest generation components to achieve the best performance, indigenously designed 3-phase input 3 phase output double conversion online uninterruptible power supply using IGBT in Inverter and Charger. It suits all mission-critical applications like IT & ITes Inductive and resistive. motorized load with Extreme power protections and by default with a built-in Isolation Transformer.

Features:

- True Online UPS
- Highly reliable Technology
- Inbuilt Isolation Transformer
- IGBT based Inverter section
- High level protections
- High-Capacity charger

Application:

- IT load
- Machinery load
- Motorised load
- High Inrush current Equipment
- Medical equipment
- Mixed load
- Servers Data Centres
- Communication Equipment
- Suitable for industrial application





Technical Specification - GPT-H Series 3:3

| MODEL | GALAXY-100K33 | GALAXY-120K33 | GALAXY-160K33 | GALAXY-200K33 |
|--------------------------------|--|---------------|---------------|---------------|
| RATING | 100 KVA | 120 KVA | 160 KVA | 200 KVA |
| TECHNOLOGY | True Online Double Conversion PWM IGBT Based | | | |
| INPUT | | | | |
| Input Phase | Three Phase Input | | | |
| Input Voltage range | | | | |
| Three Phase | 300V-470VAC at 100% | | | |
| Frequency | load 45 Hz– 55 Hz | | | |
| Power factor | ≥ 0.9 (Load dependent) | | | |
| OUTPUT | | | | |
| Output Phase | Three Phase | | | |
| Output Voltage Range | 3PH- 400/415 VAC Configurable | | | |
| Voltage regulation | +/- 1% | | | |
| Frequency | 50 HZ +/- 0 .1% | | | |
| Power Factor | >0.8 standard, 0.9 & 1 Optional | | | |
| Efficiency AC -AC at 100% load | >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, < 125% -10 Min, 125-150%-60 Sec, > 150% 10 Sec | | | |
| Static/Manual Bypass | Manual Bypass / Static Bypass, Optional | | | |
| BATTERIES | | | | |
| DC Voltage | 360-480 VDC | | | |
| Charger Capacity | Upto 40 Amp, (Configurable) | | | |
| Recharge Time | 8-10 Hrs. | | | |
| Extended Charger | Available | | | |
| INTERFACE COMMUNICATION | | | | |
| SNMP/RS232/RJ485 | Optional | | | |
| ISOLATION TRANSFORMER | In built Isolation transformer (Without Transformer also available) | | | |
| REDUNDANCY | 1. Hot stand By Available 2. Parallel Redundancy - optional | | | |
| OTHERS | | | | |
| Display (Imp. Parameters) | LED/DIGITAL/LCD display | | | |
| 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 (Op onal), Fan Fail (Op onal) | | | |
| 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 | | | |
| Performance | Compliance to IEC/EN62040-2, IEC/EN62040-3, CE Certification | | | |
| Safety | Compliance to IEC/EN62040-1 | | | |

*Specifications are subject to change without any prior Notice, WI (With isolation transformer)

*Due to regular upgrade on picture and actual product may vary.

