

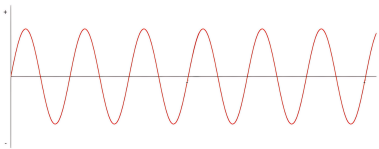
GPT Series 1:1

GPT SERIES: ONLINE UPS 1 KVA-10 KVA 1:1 (Single Phase Input / Single Phase Output)

Galaxy: देश का UPS

Empowering You Empowering India

POWER BACKUP AND PROTECTION FOR CRITICAL LOAD



GPT Series is a Proven and rugged design Single-phase double conversion online uninterruptible power supply with IGBT-based PWM technology. It suits all mission-critical applications and is Inductive and resistive. Motorized load with Extreme power protections and built-in Isolation Transformer by default.

Features:

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

Application:

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





Technical Specification - GPT Series 1:1

MODEL	GALAXY-1000	GALAXY-2000	GALAXY-3000	GALAXY-6000	GALAXY-7500	GALAXY-10000
RATING	1KVA/800W	2KVA/1600W	3KVA/2400W	6KVA/4800W	7.5KVA/8000W	10KVA/8000W
Technology	True Online Double Conversion PWM IGBT Based					
Input						
Input Phase	Single Phase Input					
Input Voltage range						
Single Phase	160V-300VAC at 100% load					
Frequency	45 Hz– 55 Hz					
Power factor	>0.9 (Load dependent)					
OUTPUT						
Output Phase	Single Phase					
Output Voltage Range	Single phase 220/230/240VAC +1%					
Voltage regulation	+/- 1%					
Frequency	50 HZ +/- 0.1%					
Power Factor	>0.8 standard, 0.9 & 1 Optional					
Efficiency AC -AC at 100% load	>90 - 94 % (Load dependent)					
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	36/48/96 V		48/72/96 V		192-240VDC	
Charger Capacity	4 Amp / 6 Amp / 10 Amp, (Configurable)					
Recharge Time	8-10 Hrs.					
Extended Charger	Available					
INTERFACE COMMUNICATION						
Standard	Rs 232					
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 (Optional), Fan Fail (Optional)					
LCD /LED Indications	AC Mains voltage/Frequency, DC Voltage / Charging V, AC Output V/Frequency, Battery Mode, Load / Batt Parameter					
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					
Dimensions WxDxH in Inch (+/- 10%)	10x18x22		10x20x22		12x28x30	
Weight Kg (+/- 10%)	18 kg	35-45kg	50 kg		65-70 kg	

*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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