

GTA Series

10 ~ 30kVA
3:3 Phase PF: 1.0

Applications:

For all kind of ADP Machines



Features:

- Advanced dual-core DSP control technology and 3-level technology
- Active power factor correction (APFC), input power factor up to 0.99
- System efficiency is improved to 95%, energy saving rate is doubled
- Output power factor 1.0
- Dual input design, supporting independent bypass
- Advanced digital and parallel technology, providing higher reliability than single system
- Wide input voltage range
- 50 / 60 Hz auto-sensing frequency
- 50 / 60 Hz frequency conversion mode
- Work efficiency up to 98% in ECO mode
- Fan speed varies intelligently with load, reducing noise and extending its service life
- Conformal coating technology to make UPS operate in harsh environment for a long time
- Flexible battery configuration setting, selectable battery numbers: 32~ 40 pcs
- Digitally controlled charger (Max.10 A & 20% output power)
- Ability to switch on the UPS by battery in the absence of mains power (Cold start)
- Zero switching time for UPS power supply mode when the mains power is unstable, ensuring the output is uninterrupted
- Compact internal layout, small footprint
- 5 inches LCD colorful touch screen, friendly human & machine interface
- Powerful background software for parameters configuration and online upgrade
- Advanced multi-platform communication for UPS monitoring: RS232,USB,RS485,dry contacts, SNMP card,Wi-Fi card and GPRS card
- Linear derating in low voltage input, reducing battery discharging times, extending the service life of battery
- Intelligent battery management, automatic equalized and float charging control, charger dormancy control, improving the reliability of charger and extending the battery life
- Effective hardware and software protection, robust self-diagnosis function, abundant event log for future check
- Standard RS232,USB,RS485,EPO,Dry contacts,Parallel port
- Optional SNMP card,WI-FI card,GPRS card, SMS alarms



MODEL		GTA3310L32	GTA3320L32	GTA3330L32
Capacity (kVA)		10kVA/kW	20kVA/kW	30kVA/kW
INPUT				
Nominal Voltage		380V / 400V / 415V AC (3Ph+N+PE)		
Voltage Range		304 - 478V AC		
Frequency Range		40 ~ 70 Hz		
Power Factor		≥ 0.99		
Harmonic Distortion (THDi)		≤ 3%		
Bypass Range	Voltage	380 V AC Max. Voltage: +25% (Optional +10%, +15%, +20%) 400V AC Max. Voltage: +20%(Optional +10%, +15%) 415V AC Max. Voltage: +15% (Optional +10%) Min. Voltage: -45% (Optional -20%, -30%)		
	Frequency	± 10% (Configurable)		
Generator Input		Support		
OUTPUT				
Output Voltage		380V / 400V / 415V AC (3Ph+N+PE)		
Voltage Regulation		± 1%		
Power Factor		0.9 Standard / Unity Optional		
Frequency		Auto Sensing 50 / 60 Hz ± 1~10% Sync Mode (Configurable), 50/60 Hz ± 0.1 Hz Battery Mode		
Crest Factor		3:1		
Harmonic Distortion (THDv)		≤ 2%		
Overload		≤ 125% for 10 Min, ≤ 150% for 1 Min, ≥ 150% for 200 ms		
Efficiency		96.5% Dual Conversion Mode, 99.0% ECO Mode		
BATTERY				
Battery Voltage		384 - 480 VDC		
SYSTEM FEATURES				
Transfer Time		Zero		
Self-Diagnostics / EPO		Upon Power On and Software Control / Inbuilt		
IP Protection		IP20		
Alarm / Protection		Line Failure, Battery Low, Overload, System Fault and Short Circuit		
Display	LED	Line Mode, Bypass Mode, Battery Low, Overload and UPS Fault Codes		
	LCD	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load %, Battery Voltage & Temperature, Output W/VA		
Parallel		Inbuilt		
ENVIRONMENT				
Temperature		Operating: 0~50°C*, Storage: -25°C ~ 55°C		
Humidity / Altitude		0~95% RH Non-condensing / <1500 M		
Noise		<60dBA		
STANDARDS				
Quality		ISO 9001, ISO 14001, ISO 27001, ISO 45001, ISO 50001, RoHS		
Safety		IEC/EN62040-1		
EMC / Performance		IEC/EN62040-2; IEC/EN62040-3, Complying to CE		
PHYSICAL				
Dimension WxDxH (mm)		250x720x560	250x800x700	250x840x930
Net Weight (Kg)		31	33	42
COMMUNICATION INTERFACE				
Standard		RS232		
Optional		SNMP / ModBus / Dry Contact / USB / RS485		
Monitoring Software		NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000		

* Conditions apply.

Specifications are subject to change without prior notice.

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