

GTX Series

120 ~ 300kVA
3:3 Phase

Applications:

For all kind of ADP Machines



GTX Series UPS 120~300KVA use double conversation technology with a very advanced design criteria improves the performance and built-in output isolation transformer protects critical load.

Features:

- ♦ True Online double-conversion with DSP control
- ♦ IGBT based PWM Rectifier and Inverter
- ♦ High input power factor (>0.99)
- ♦ Generator compatible ; Built-in Static Bypass & Manual Bypass
- ♦ Inbuilt galvanic isolation transformer
- ♦ Independent control on three inverter phases
- ♦ High instantaneous overload capacity
- ♦ High MTBF (> 200,000Hrs) and Low MTTR
- ♦ Intelligent self-diagnosing function, all kinds of failure protection, large capability of history records storage
- ♦ Standard emergency power off (EPO)
- ♦ N+X redundancy parallel up to 6 units (Optional)



7" LCD Display



MODEL	GTX33120L50		GTX33160L50		GTX33200L50		GTX33250L50		GTX33300L50	
Capacity (kVA)	120		160		200		250		300	
INPUT										
Rated Voltage	380V / 400V /415V AC (3Ph+N+PE)									
Voltage Range	304 ~ 346 V (Derating 10%), 346 ~ 456 V (full load)									
Rated Frequency	50 / 60 Hz (Auto Sensing)									
Frequency Range	50 /60 Hz ± 10 Hz									
Power Factor	≥ 0.99									
Harmonic Distortion (THDi)	≤ 3%									
Bypass Voltage Range	± 20% (Configurable)									
Power Walk-in	10 sec (1 ~ 300 settable)									
OUTPUT										
Rated Voltage	380V / 400V / 415V AC (3Ph+N+PE)									
Voltage Regulation	±1%									
Frequency	50 / 60 Hz ± 0.1% in Battery mode									
Power Factor	0.9		0.8		0.9					
Waveform	Pure Sine-Wave									
Crest Factor	3:1									
Harmonic Distortion (THDv)	≤ 1%									
Efficiency	≥ 94.0% Dual Conversion Mode, 99.0% ECO Mode									
Transfer Time&Recovery Time	Zero ; Within 20ms									
Overload Capability	≤110% for 60 Min, ≤125% for 10 Min, ≤150% for 1 Min and ≥ 150% for 300 ms									
BATTERY										
Nominal DC Voltage	600V DC(Standard) ; Other Configuration as 576V DC & 624V DC									
Number of Battery	48 ~ 52 Nos. (Configurable)									
Charging	Three-Stage Charging, Auto Switch Floating / Equalizing Charge									
SYSTEM FEATURES										
IP Rating	IP20									
Alarms / Protection	Input Under/Over Voltage, Battery Low, Output Under/Over Voltage, Overload, Short Circuit, Overcharge/discharge & UPS Fault									
LED Indications	Status for Normal, UPS Fault, Bypass & Battery Mode									
LCD Display	Input, Bypass, Inverter, Output Voltage & Frequency / Current / kVA / kW / PF / Load %, Battery Voltage, DC Bus Voltage, Charging & Discharging Current, Temperature and Events									
ENVIRONMENTAL										
Temperature	Operating: 0~50°C*, Storage: -15°C ~ 60°C									
Humidity / Altitude	0~95% RH Non-condensing / <1500 M									
Noise	<75dB @1 meter distance									
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										
Dimensions WxDxH (mm)	800 x 800 x 1800		765 x 845 x 1700		1210 x 860 x 1950					
Pkd. Dimensions WxDxH (mm)	900 x 900 x 2050		850 x 950 x 2000		1300 x 1000 x 2200					
Net Weight (Kg)	680		745		1135		1275		1355	
Gross Weight (Kg)	730		795		1200		1340		1420	
COMMUNICATION INTERFACE										
Standard	RS-232 / RS-485									
Optional	SNMP / ModBus / Dry Contact									
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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