

GTX Series

160 ~ 600kVA

3:3 Phase

PF: 1.0

Applications:

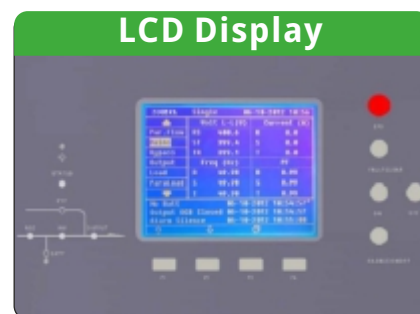
For all kind of ADP Machines



GTX Series UPS 160~600KVA use double conversion 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)
- ♦ Output power factor 1.0 (Unity)
- ♦ 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)



5.7" LCD Display



MODEL	GTX33160L50	GTX33200L50	GTX33250L50	GTX33300L50	GTX33400L50	GTX33500L50	GTX33600L50
Capacity (kVA)	160	200	250	300	400	500	600
INPUT							
Rated Voltage	380V / 400V / 415V AC (3Ph+N+PE)						
Voltage Range	+ 20%, - 25%						
Rated Frequency	50 / 60 Hz (Auto Sensing)						
Frequency Range	50 /60 Hz \pm 5 Hz						
Power Factor	> 0.99						
Harmonic Distortion (THDi)	\leq 3%						
Bypass Voltage Range	\pm 20% (Configurable)						
Power Walk-in	0-120second (Configurable)						
OUTPUT							
Rated Voltage	380V / 400V / 415V AC (3Ph+N+PE)						
Voltage Regulation	\pm 1% Static ; \pm 5% Dynamic						
Frequency	50 /60 Hz Synchronised with Utility in Mains Mode; 50 / 60 Hz \pm 0.05Hz in Battery mode						
Power Factor	Unity (1.0)						
Waveform	Pure Sine-Wave						
Crest Factor	3:1						
Harmonic Distortion (THDv)	\leq 1%						
Efficiency	\geq 95.0% Dual Conversion Mode, 99.0% ECO Mode						
Transfer Time&Recovery Time	Zero ; Within 20ms						
Overload Capability	\leq 110% for 60 Min, \leq 125% for 10 Min, \leq 150% for 1 Min and \geq 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, Rectifier, Inverter, Output and Battery, Over temperature & Overload						
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)	800x860x1700		1210x860x1950		2380x860x1950		
Weight (Kg)	790	830	1355	2090	2300	2690	
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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POWER IS ON

