

# GTP Series

10 ~ 40kVA

3:3 Phase PF: 0.9

## Applications:

For all kind of ADP Machines

## Features:

- ◆ Online-Double Conversion Technology
- ◆ Wide input voltage range: 208-478Vac
- ◆ Wide input frequency range: 40-70Hz
- ◆ PFC technology
- ◆ Full digital control (DSP)
- ◆ Output power factor: 0.9
- ◆ Input current harmonic:  $\leq 3\%$
- ◆ ECO function
- ◆ Charging/Rectifier/Inverter fully digital control technology
- ◆ Optimization battery group, the quantity of battery: 10-30kVA (16/18/20 Nos. optional)  
40kVA (32/34/36/38/40 Nos. optional)
- ◆ DC start
- ◆ Communication port: USB / RS232 / RS485 / Parallel port / dry contact
- ◆ Options: SNMP card / Relay card
- ◆ LCD/LED double display
- ◆ Intelligent charging management
- ◆ EPO function
- ◆ Common battery group
- ◆ The output can meet 100% unbalanced load



MODEL		GTP3310L20	GTP3320L20	GTP3330L20	GTP3340L32
Capacity (kVA)		10	20	30	40
<b>INPUT</b>					
Nominal Voltage		380V / 400V / 415V AC (3Ph+N+PE)			
Voltage Range		208 - 478V AC			
Frequency Range		50 / 60 Hz $\pm$ 10% Auto Sensing			
Power Factor		$\geq$ 0.99			
Harmonic Distortion (THDi)		$\leq$ 2%			
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	$\pm$ 10% (Configurable)			
Generator Input		Support			
<b>OUTPUT</b>					
Output Voltage		380V / 400V / 415V AC (3Ph+N+PE)			
Voltage Regulation		$\pm$ 1%			
Power Factor		0.9 Standard / Unity Optional			
Frequency		Auto Sensing 50 / 60 Hz $\pm$ 1~10% Sync Mode (Configurable), 50/60 Hz $\pm$ 0.1 Hz Battery Mode			
Crest Factor		3:1			
Harmonic Distortion (THDv)		$\leq$ 2%			
Overload		$\leq$ 125% for 10 Min, $\leq$ 150% for 1 Min, $\geq$ 150% for 200 ms			
Efficiency		96.5% Dual Conversion Mode, 99.0% ECO Mode			
<b>BATTERY</b>					
Battery Voltage		192 - 240 VDC		384 - 480 VDC	
<b>SYSTEM FEATURES</b>					
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			
<b>ENVIRONMENT</b>					
Temperature		Operating: 0~50°C*, Storage: -25°C ~ 55°C			
Humidity / Altitude		0~95% RH Non-condensing / <1500 M			
Noise		<60dBA			
<b>STANDARDS</b>					
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			
<b>PHYSICAL</b>					
Dimension WxDxH (mm)		250x900x868			
Net Weight (Kg)		57	64	71	73
<b>COMMUNICATION INTERFACE</b>					
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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POWER IS ON

