

GTP Series

120 ~ 250kVA

3:3 Phase

Applications:

For all kind of ADP Machines



Features:

- True Online Double Conversion Topology
- 3-Level IGBT Based Rectifier & Inverter
- Wide Input Voltage Range
- High Input Power Factor : ≥ 0.99
- Wide Input Frequency Range : 40-70Hz
- Parallel upto 4 units
- Static Bypass and Cold Start
- High Output Power Factor : 0.9 & Configurable to 1.0
- Low Harmonic Distortion : $< 3\%$
- Configurable Batteries : 30~50 Nos.
- Transformer Compatible
- IOT Compatible



Control Panel



MODEL		GTP33120L32	GTP33160L32	GTP33200L32	GTP33250L32
Capacity (KVA)		120	160	200	250
INPUT					
Nominal Voltage		380V / 400V / 415V AC (3Ph+N+PE)			
Voltage Range		305 - 478V AC			
Frequency Range		50 / 60 Hz ± 10% Auto Sensing			
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)			0.9
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% ECO Mode			
BATTERY					
Battery Voltage		360 - 600 VDC			
SYSTEM FEATURES					
Transfer Time		Zero			
Self-Diagnostics / EPO		Upon Power On and Software Control / Inbuilt			
IP Protection		IP 20			
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)		442 x 850 x 1200			
Net Weight (Kg)		170	205	220	270
COMMUNICATION INTERFACE					
Standard		RS-232			
Optional		SNMP / ModBus / Dry Contact / USB / RS-485			
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

