

## GTMI Series

60/80/100/120KVA

3Phase In / 3Phase Out

### Application:

Server, Bank, Industry Equipments, IT Equipments, Healthcare, Communication System & Others Networking Equipments

RoHS CE



### Features:

- True online, double conversion, pure sine wave technology
- DSP-controlled Microprocessor based modular redundancy design with IGBT based Rectifier and Inverter
- Parallel redundancy up to 4 units with extendable racks
- Wide input voltage and frequency windows with auto on function
- Easy to operate LCD display
- High power density up to 80/100/120KVA for space saving
- Unity power factor and low input distortion
- Output power factor at 0.9 standard / unity optional
- ECO mode for energy saving
- Common or separate battery bank Configurable
- Programmable no of battery 32 Nos. to 40 Nos., (384-480V DC)
- Intelligent charge mode with smart charge current adjustment
- Versatile communication interfaces provided for different applications
- Programmable control and monitoring software
- Cold start operation
- Line filtering and inrush protection
- Optional Isolation Transformer Inbuilt or External



Control Panel



## ▶ Technical Specifications of GTMI Series 60-120KVA

MODEL	GTMI3360L32	GTMI3380L32	GTMI33100L32	GTMI33120L32
Capacity (KVA)	60	80	100	120
<b>INPUT</b>				
Nominal Voltage	380V / 400V / 415V AC (3Ph+N+PE)			
Voltage Range	+25% – 35%			
Frequency Range	50 / 60 Hz ± 20% Auto Sensing			
Power Factor	≥ 0.99			
Harmonic Distortion (THDi)	≤ 3%			
Bypass Range	Voltage	35% (Optional -20%, -30%)		
	Frequency	± 10% (Configurable)		
Generator Input	Support			
<b>OUTPUT</b>				
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% with Linear Load; ≤ 3% with Non-Linear Load			
Overload	≥ 125% for 10 Min, ≥ 150% for 1 Min, ≤ 150% for 200 ms			
Efficiency	≥ 95% Dual Conversion Mode, 99% ECO Mode			
<b>BATTERY</b>				
Battery Voltage	Standard Unit: ± 216V DC; Unit configurable Voltage: ± 192V / ± 204V / ± 216V / ± 228V / ± 240V DC			
<b>SYSTEM FEATURES</b>				
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		
	TFT Touch	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load %, Battery Voltage & Temperature, Output W/WA		
Parallel	Inbuilt			
<b>ENVIRONMENT</b>				
Temperature	Operating: 0~45°C, Storage: -10°C ~ 70°C			
Humidity / Altitude	0~95% RH Non-condensing / <1500 M			
Noise	Low Audible Noise Level			
<b>STANDARDS</b>				
Quality	ISO 9000, ISO 14001, OHSAS 18001, ISO 27001, RoHS			
Safety	IEC/EN62040-1			
EMC / Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE			
<b>PHYSICAL **</b>				
Dimension WxDxH (mm)	600x780x1200			
Net Weight (Kg)	158	210	215	220
<b>COMMUNICATION INTERFACE</b>				
Standard	RS-232			
Optional	SNMP / ModBus / Dry Contact / USB / RS-485			
Monitoring Software	NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000			

\*Specifications are subject to change without prior notice.

\*\* Weight & Dimension may vary for inbuilt Tx Model.

