

SOLID STATE POWER UNITS
GT100Z-30010F
10KVA 400Hz 3 PHASE

GenTec

Frequency Converter



OPTIONAL FEATURES

- Advanced Remote Monitoring & Management Options via SNMP
- GPRS Modem/CAN BUS Communication Options
- Easy Scalability with Paralleling
- Microprocessor & Sensor Controlled Smart Battery Management
- Customizable Input/Output options



SOLID STATE POWER UNITS

GT400Z-30015F

15KVA 400Hz 3 PHASE



GENERAL SPECIFICATION

INPUT:	
Voltage	220 / 3P+N
Voltage Tolerance	+5%
Frequency	50Hz
Frequency Tolerance	+5%
Power Factor	≥99
Total Harmonic Distortion THDv	<4%

OUTPUT:	
Overload	125 Load 1 Min, 150% Load 10 Sec
Voltage*	110 / 220V 3P+N
Voltage Tolerance	± 2%
Frequency	400Hz
Frequency Tolerance	± 5%
Power Factor	0.8
Load Crest Factor	3:1
Total Harmonic Distortion THDv	< 3%
Max Power	150%
Protection	Electronic Protection Fast Fuse

BATTERY:	
Voltage	Optional
Battery Type	VRLA-SLA
Back Up Time	Optional
GENERAL SPECIFICATION:	
Technology	On-Line Double Conversion
Control	SPWM Controlled IGBT Rectifier & Inverter
Efficiency	≥ 0.90
COMMUNICATION:	
Display	240*320 Graphic LCD (Touchscreen)
Event / Warning LOG	1000 Events
Communication Port (Smart Port)	RS232,RS485, RJ45 (Optional)
Advanced Communication	Modbus, Jbus, Modem, Telnet, GPRS, SNMP (Optional)
Software	Customer Design Software
ENVIRONMENT:	
Operating Temperature Range	0°C - 40°C
Relative Humidity	%0 - %95 (Uncondensed)
Altitude	< 3000 m
Noise	< 60

GENERAL FEATURES:

- Advanced Microprocessor
- True Online Double Conversion
- IGBT Rectifier and Inverter
- Active Input Power Factor Correction (≥0.99)
- Low Input THDi <3% Perfect Generator Compatibility
- Low Output THDv <3% Perfect Energy for your Loads
- Excellent Compability with Different Power Factor Loads
- Selectable Input/Output Voltage and Frequency
- Wide Input Voltage Range (160-260 VAC)
- High Efficiency Up To 95%
- Ultra High Efficiency with smart ECO mode (98%)
- Reliable Parallel/Redundant Operation via Load Synchronization
- Smart Fan Control
- EMI / RFI Filter
- Start on Battery Feature (Cold Start)
- Short Circuit, High/Low Voltage and Overload Protections
- Adjustable time for Battery Option
- Battery deep discharge Protection
- Standard Static ve Maintenance By-Pass
- Temperature Compensated Battery Charge, Selectable
- Charge Current
- Touch Screen Graphical LCD Display
- Advanced Fault Identification, 1000 pcs Alert / Event memory
- Advanced Communication options with RS232 / RS485

Environment Friendly Design,
The most Silent in its class
Low Installation & Operation Cost
Easy Maintenance & Service
10 Years Spare Parts Availability
7/24 Technical Service & Customer Services

