

Z10 3 PHASE OUTPUT OFF GRID INVERTER

- ⚡ **Advanced Insulated Gate Bipolar Transistor (IGBT) Module with high reliability**
- ⚡ **Realizes various intelligent control functions base on Digital Signal Processor (DSP) for full digital control technology**
- ⚡ **Features a perfect protection function with higher system reliability**
- ⚡ **Data communication through RS232/RS485 ports or dry contacts for monitoring of operation status**
- ⚡ **Aesthetic appearance, functional integrity with an easy to use interface.**



Technical Specification

Model	Z10GLN80AT	Z10GLN100AT	Z10GLN120AT	Z10GLN160AT
Battery Voltage (Vdc)	348			
	Output			
Rated Power (KVA)	80	100	120	160
Phase	3φ4W+GND			
Voltage (Vac)	L-N: 240 L-L: 415 (380,400 are available for customization)			
Frequency (Hz)	50±0.2%			
Wave Form	Sine wave, THD<3% at linear load			
Efficiency	≥92%			
Overload Capacity	125% of rated load last for 10 minutes, 150% of rated load last for 1 second			
LCD Display	Output voltage, frequency, Battery voltage, Load, DC current etc.			
LED Display	Work status of inverter, fault indication and overloading			
Communication	RS232/RS485, dry connection communication signal			
Protect	Output short circuit, Overload, Over-temperature, Battery low voltage, Output over/low voltage			
Protection Level	IP20			
Noise (dB)	<65			
Cooling	Fans			
Operating Temperature (°C)	-20°C- 40°C			
Relative Humidity	0 – 95%, No Condensation			
Dimension (WxDxH) (mm)	1000 x 800 x 1800			
Weight (kg)	690	725	775	980