



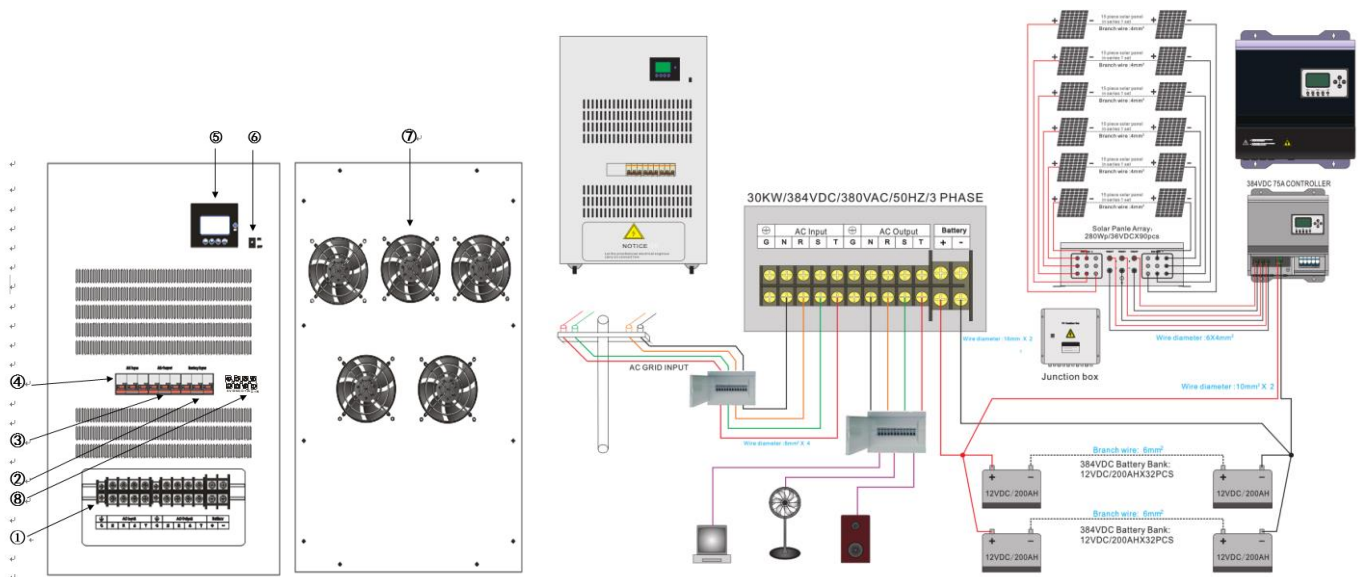
3 PHASE SOLAR INVERTER

TP10KW15KW20KW

25KW30KW40KW

- Excellent performance because of double CPU intelligent control.
- Settable the mains supply preferred mode, energy-saving mode and battery preferred mode.
- Controlled by intelligent fan which is more safety and reliable.
- Pure sine wave AC output, which is able to adapt to various types of load.
- LCD display device parameters in real time, showing you the running state.
- All kinds of automatic protection and alarm of output overload and short circuit.
- Intelligent monitor the device status because of the RS485 communication interface design.

Lost phase protection, Output overload, short circuit protection, various of automatic protection and alarm warning



No.	component	function
①	Wiring terminal	City power input、 battery input、 inverter output、 earth wire (see detail by figure1 and figure2)
①	Switch of battery input	Control of the battery connected
②	switch of inverter output	Control of the output load
④	Switch of city power input	Control of city power connected
⑤	LCD display	Display the parameters of the inverter.
⑥	open/close button	When the switch off is battery priority, when the switch on is grid power priority (or that is grid power priority)
⑦	fan	The breeze cooling is inside the inverter, be careful not to have stuff to jam.
⑧	485 communication	Communication interface (selectable)

TECHNICAL DATA

Model		10KW	15KW	20KW	25KW	30KW	40KW
Rated capacity		10KW	15KW	20KW	25KW	30KW	40KW
Working mode and principle		DSP precision control technology and double built-in microprocessor PWM (pulse width modulation) output power is completely isolated					
AC input	phase	3phases +N+G					
	voltage	AC220V/AC380V±20%					
	frequency	50Hz/60Hz±5%					
DC system	DC voltage	96VDC(10KW/15KW)DC192V/DC220V/DC240V/DC380V 【You can choose16-32 12V batteries】					
	Floating battery	Single section battery13.6V×battery No. 【such as 13.6V×16pcs=217.6V】					
	Cut-off voltage	Single section battery10.8V×battery No. 【such as 10.8V×16pcs=172.8V】					
AC output	phase	3phases +N+G					
	voltage	AC220V/AC380V/400V/415V(steady state load)					
	frequency	50Hz/60Hz±5%(city power) 50Hz±0.01% (battery powered)					
	efficiency	≥95% (load100%)					
	Output waveform	Pure sine wave					
	Total harmonic distortion	Linear load<3% nonlinear load<5%					
	Dynamic load voltage	<±5% (from 0 to 100% saltus)					
	Switching time	<10s					
	Switch time of battery and city power	3S-5S					
	Unbalanced voltage	<±3% <±1% (balanced load voltage)					
	Over load ability	120% 20S protect, more than 150%, 100ms					
System index	Working efficiency	100%load≥95%					
	Operating temperature	-20°C-40°C					
	Relative humidity	0~90%no condensation					
	noise	40-50dB					
structure	Size D×W×H(mm)	580*750*920					
	Weight Kg)	180	200	220	250	300	400