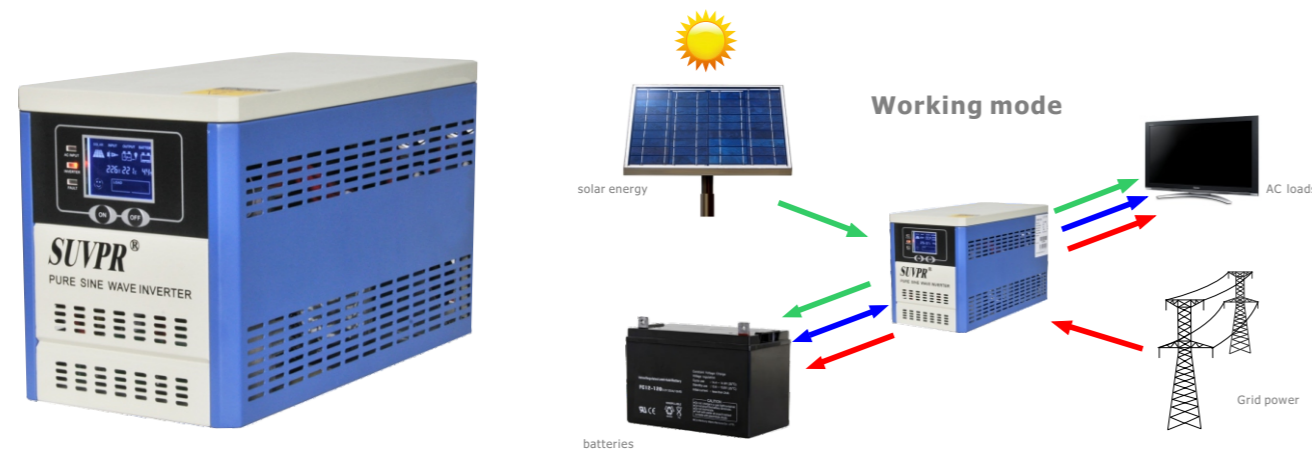


## NK-GP600 Hybird Solar Inverter with Controller



### Features:

- \*The system can provide electricity produced by solar energy to loads directly
- \*Continuous, standard and stable pure sine wave with LCD display
- \*PV priority mode or AC priority model is identified and switched automatically
- \*The system will act as UPS                      \*UPS Auto-switched, self-recovery and unattended operation functions.
- \*AC140V-280V (The system build in stabilizer with AVR function)
- \*Integrated with inverter, solar controller inside, adopts 1 CPU control

### All-around protection:

- DC over-voltage protection/over-voltage self-recovery
- DC low-voltage protection/low-voltage self-recovery
- Overheat/short-circuit/overload protection

## NK-GP600 Hybird Solar Inverter with Controller

Model No.	NK-GP600		
Inverter Parameter	DC Input Voltage(V)	DC12V	
	AC Output Voltage(V)	110V±10%/220V±10%/230V±10%	
	Rated Output Power(W)	600W	
	Frequency (HZ)	50HZ±0.5HZ/60HZ±0.5HZ	
	Output Wave	Pure Sine Wave	
	Peak Power(W)	3 Times Of The Rated Power For 1s	
	Transfer Efficiency	>85%	
	No-load loss(W)	≤10W	
	Overload Protection		120% Of Rated Power, Restart After 30S
			150% Of Rated Power, Shut Down After 10S
			200% Of Rated Power, Shut Down After 1S
	Operating Temperature Range(°C)	-20°C — +50°C	
	Storage Temperature(°C)	-25°C — +70°C	
	Product Size(MM)	355mm×175mm×210mm	
	Shell Material	Iron	
Product N.W. (KG(S))	10.78KGS		
Packing Material	Wooden Case		
Packing size(MM)	405mm×230mm×285mm		
QTY/CTN(PC(S))	1PC		
G.W./CTN(KG(S))	12.68KGS		
Display	LCD+LED		
Display Content	PV Status, Battery Capacity, AC Input Voltage, AC Output Voltage, Load, Running Status		
Complete Protection	DC&AC Overload, Under-voltage, SPD, Short-circuit, Overcharge, Overdischarge, Over-temperature.		
Solar Controller Parameter	Solar Controller Input Range(V)	DC12V-DC25V	
	Recommended Input Voltage(V)	DC18V	
	Recommended Input Power Range(W)	200W-600W	
	Charging Current(A)	30A	
	Charging Efficiency	>96%	
	Maximum Discharge Current(A)	30A	
AC Charging Parameter	Charger Type	PWM/MPPT	
	Maximum Input Power (W)	600W	
	Charging Current(A)	15A	
AC Charging Parameter	Charging Time	8h ≥90%(80A Maintenance Free Lead-acid Battery)	
	AC Input Voltage (V)	110V/220V/230V	
	AC Input Frequency(HZ)	50HZ/60HZ	
Battery Parameter	Battery Type	Maintain-free Lead-acid battery / Li-ion / GEL battery	
	Battery Input Voltage(V)	12V	
	Battery Capacity(AH)	100AH	
Solar Panel Parameter	Quantity Of Standard Configuration(PCS)	1PC 12V 100AH	
	Power Output (W)	100W	
	Voltage at Pmax(V)	18V	
	Current at Pmax(A)	21.24A	
	Open-Circuit Voltage (V)	21.24V	
	Short-Circuit Voltage (A)	12.22A	
Quantity Of Standard Configuration(PCS)	2PCS		