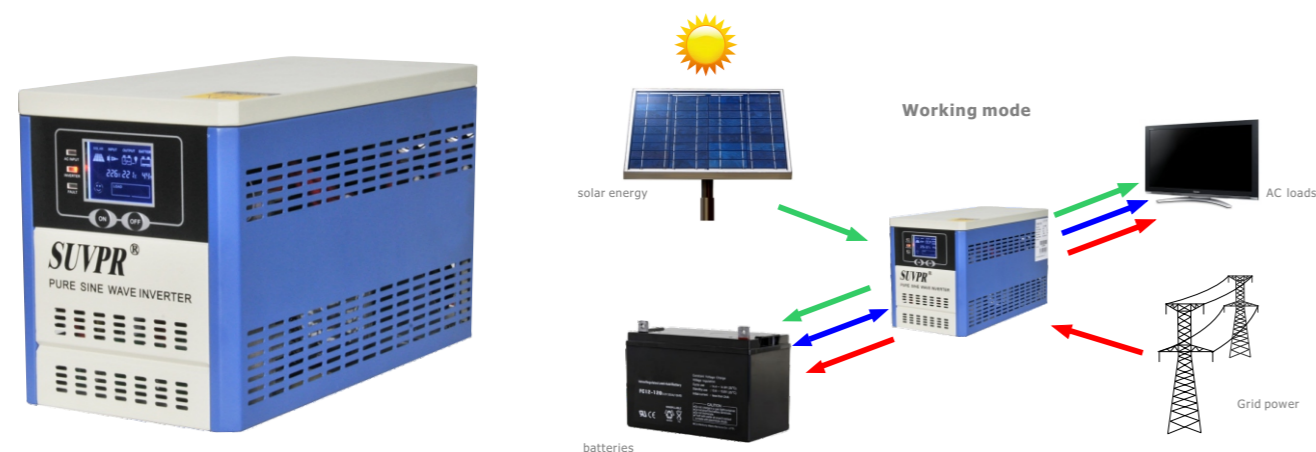


NK-GP1000 Hybird Solar Inverter with Controller



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-GP1000 Hybird Solar Inverter with Controller

Model No.	NK-GP1000	
Inverter Parameter	DC Input Voltage(V)	DC12V/DC24V
	AC Output Voltage(V)	110V±10%/220V±10%/230V±10%
	Rated Output Power(W)	1000W
	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))	12KGS
	Packing Material	Wooden Case
Packing size(MM)	405mm×230mm×285mm	
QTY/CTN(PC(S))	1PC	
G.W./CTN(KG(S))	14.38KGS	
Display	LCD+LED	
Display Content	PV Status, Battery Capacity, AC Input Voltage, AC Output Voltage, Load, Runing Status	
Complete Protection	DC&AC Overload, Under-voltage, SPD, Short-circuit, Overcharge, Overdischarge, Over-temperature.	
Solar Controller Parameter	Solar Controller Input Range(V)	DC30V-DC50V
	Recommanded Input Voltage(V)	DC36V
	Recommanded Input Power Range(W)	400W-1000W
	Charging Current(A)	30A
	Charging Efficiency	>96%
	Maximum Discharge Current(A)	30A
AC Charging Parameter	Charger Type	PWM/MPPT
	Maximum Input Power (W)	1000W
	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)	24V
	Battery Capacity(AH)	100AH
	Quantity Of Standard Configuration(PCS)	2PCS 12V 100AH
Soalr Panel Parameter	Power Output (W)	200W
	Voltage at Pmax(V)	35.8V
	Current at Pmax(A)	5.59A
	Open-Circuit Voltage (V)	44.75V
	Short-Circuit Voltage (A)	6.09A
	Quantity Of Standard Configuration(PCS)	2PCS