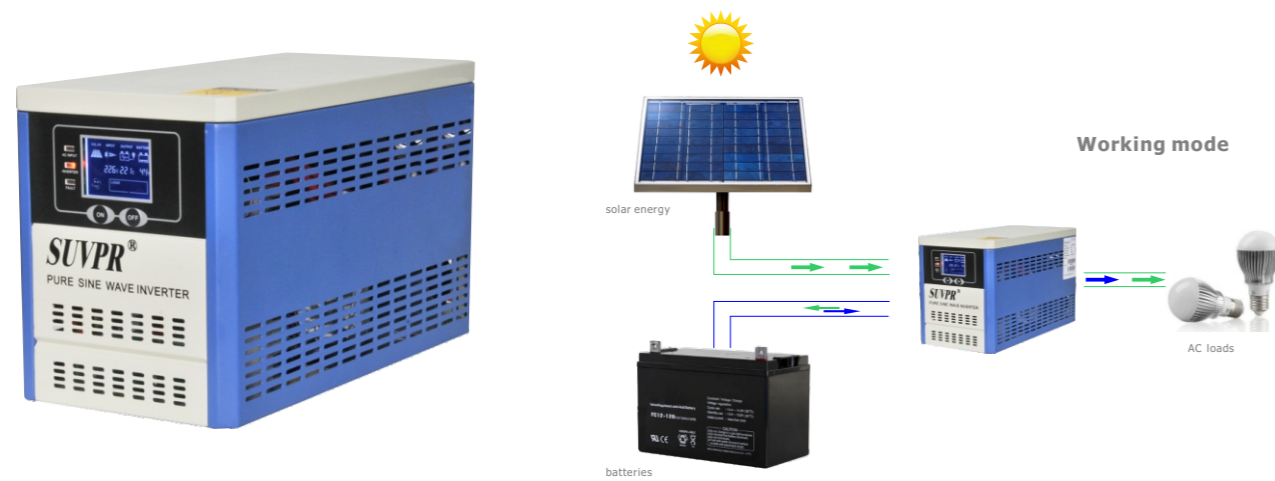


## NK-GP400 Hybird Solar Inverter with Controller



### Features:

- \*The system can provide electricity produced by solar energy to loads directly.
- \*Integrated with inverter, solar controller inside, adopts 1 CPU control
- \*Continuous, standard and stable pure sine wave with LCD display
- \*UPS Auto-switched, self-recovery and unattended operation functions.

### 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-GP400 Hybird Solar Inverter with Controller

Model No.	NK-GP400		
Inverter Parameter	DC Input Voltage(V)	24V	
	AC Output Voltage(V)	110V±10%/220V±10%/230V±10%	
	Rated Output Power(W)	400W	
	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)	≤8W	
	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))	8KGS	
	Packing Material	Wooden Case	
	Packing size(MM)	405mm×230mm×285mm	
	QTY/CTN(PC(S))	1PC	
	G.W./CTN(KG(S))	10.5KGS	
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	
	Recomanded Input Voltage(V)	DC36V	
	Recomanded Input Power Range(W)	100W-400W	
	Charging Current(A)	20A	
	Charging Efficiency	>96%	
	Maximum Discharge Current(A)	20A	
Charger Type	PWM/MPPT		
Maximum Input Power (W)	400W		
Battery Parameter	Battery Type	Maintain-free Lead-acid battery/ Li-ion/ GEL battery	
	Battery Input Voltage(V)	24V	
	Battery Capacity(AH)	33AH	
Quantity Of Standard Configuration(PCS)	2PCS 12V 33AH		
Soalr Panel Parameter	Power Output (W)	150W	
	Voltage at Pmax(V)	35V	
	Current at Pmax(A)	4.29A	
	Open-Circuit Voltage (V)	43.75V	
	Short-Circuit Voltage (A)	4.70A	
Quantity Of Standard Configuration(PCS)	1PC		