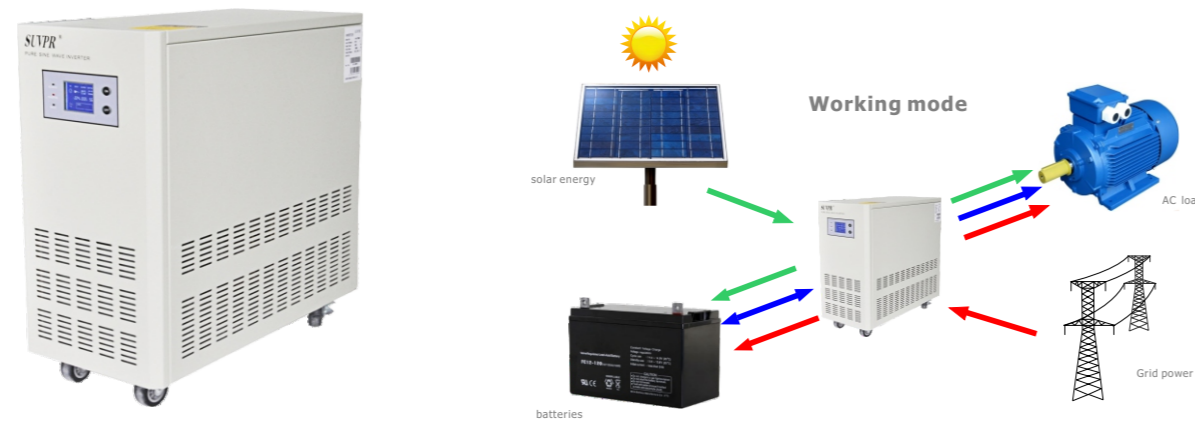


NK-GP2000/NK-GP3000 Hybird Solar Inverter with Controller



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-GP2000/NK-GP3000 Hybird Solar Inverter with Controller

Model No.		NK-GP2000	NK-GP3000	
Inverter Parameter	DC Input Voltage(V)	DC48V		
	AC Output Voltage(V)	110V±10%/220V±10%/230V±10%		
	Rated Output Power(W)	2000W	3000W	
	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)	≤40W	≤50W	
	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)	490mm×235mm×420mm		
	Shell Material	Iron		
	Product N.W. (KG(S))	27.4KGS	42.6KGS	
Packing Material	Wooden Case			
Packing size(MM)	585mm×355mm×630mm			
QTY/CTN(PC(S))	1PC			
G.W./CTN(KG(S))	38KGS	53.2KGS		
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)	DC60V-DC100V		
	Recommanded Input Voltage(V)	DC36V		
	Recommanded Input Power Range(W)	800W-3000W		
	Charging Current(A)	60A		
	Charging Efficiency	>96%		
	Maximum Discharge Current(A)	60A		
AC Charging Parameter	Charger Type	PWM/MPPT		
	Maximum Input Power (W)	2000W	3000W	
	Charging Current(A)	15A		
	Charging Time	8h ≥90%(80A Maintenance Free Lead-acid Battery)		
Battery Parameter	AC Input Voltage (V)	110V/220V/230V		
	AC Input Frequency(HZ)	50HZ/60HZ		
	Battery Type	Maintain-free Lead-acid battery/ Li-ion / GEL battery		
Soalr Panel Parameter	Battery Input Voltage(V)	48V		
	Battery Capacity(AH)	100AH		
	Quantity Of Standard Configuration(PCS)	4PCS 12V 100AH		
	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)	4PCS			