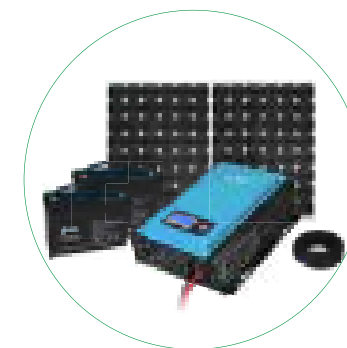
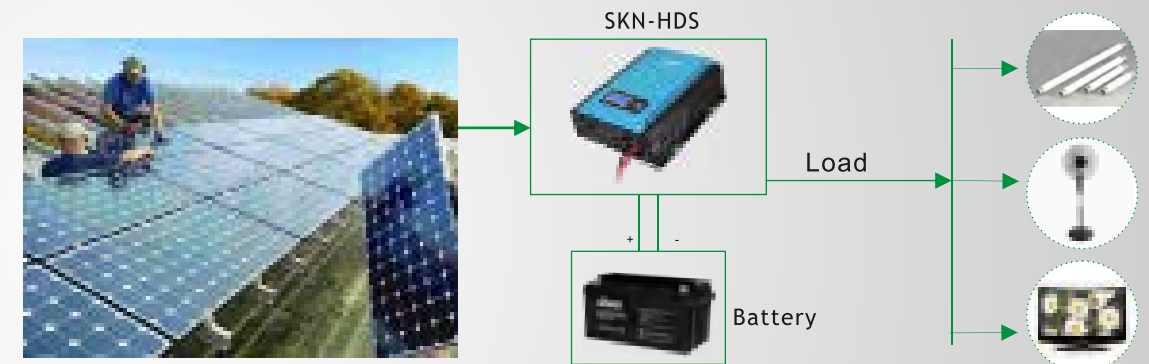


SKN-HDS Series HY-BRID Solar Inverter

> TECHNICAL PARAMETER

MODEL	SKN-HDS1000	SKN-HDS2000
Poly-crystalline solar panels		
The Maximum Power Of Solar Panels (W)	120W/18VDC*2PCS	250W/36VDC*2PCS
The Short Circuit Current Of Solar Panels (A)	7.7A	8A
The Maximum Power Current Of Solar Panels (A)	6.98A	7.27A
The Open Circuit voltage of Solar Panels (V)	21.6V	43.5V
The Maxium Power Voltage Of Solar Panels (V)	25V	50V
DC INPUT		
Input Voltage(Vdc)	12	24
Input DC Range(Vdc)	10~15	20~30
AC Bypass in "on/off" switch off mode		
Input AC Range(Vac)	220/230/240VAC	
177-280V (Narrow Range)	or 90-280VAC (Wide Range)	
Input Frequency(Hz)	50/60 HZ	
Bypass Output Voltage(Vac)	SAME AS INPUT AC	
Bypass Output Frequency(Hz)	SAME AS INPUT Frequency	
Charge Current(A)	10A±2A or 10A- 20A Selectable	
Charge Floating Voltage(V)	13.75±0.2V	27.5±0.4V
Over Charge Voltage(V)	15.0V±0.4V Charge stop	30.0V±0.8V Charge stop
AC Efficiency	> 97%	
Transfer Time(ms)	Typical 15ms	
SOLAR CONGTROLLER		
Solar controller	15A 12V	15A 24V
AC OUTPUT (INVERTER)		
Capacity(VA)	1000	2000
Output Power(W)	600	1200
Output Voltage	220VAC	
Output Frequency	50/60HZ	
Output Current(A)	4.5/2.7	9.1/5.5
Voltage Precision(VAC)	220±10%	
Frequency Precision(HZ)	50/60Hz±0.1HZ	
Wave	modify sine wave	
Power Factor(PF)	0.6	
Inversion Efficiency	>85%	
Bypass Transfer time(ms)	<=8 ms	
Over load capacity	over load 110%,60s later shut offer	
PROTECTION		
Protection	over load/ short circuit protectionOver charge , discharge protection	
AMBIENT		
Noise(dB)	<=40 (1 mter)	
Temperature	-20~45 degree	
Humidity	0~95% (no condensation)	
Sea Level(m)	<=1500	
DIMENSION		
Package L×W×H(mm)	370*330*166mm(wall mounted), 389*311*125mm(DVD type)	
GW. Weight(Kg)	Carton4.8/3.7KG	



wall mouted tyde



DVD type



tower typer



SKN-HDS