

Wall Hanged MDS Series Solar System

> MAIN FUNCTION

- Whole system in one case
- Pure sine wave inverter
- With solar and AC charger together
- Three stage Intelligent Automatic Charging Technology to protect battery
- High Efficient DC-to-AC conversion.minimizing energy loss
- Over load , short circuit protection Over charge , discharge protection
- Low discharge and over charge battery protection

Appliance

Fridger, Fan, light, TV and office Appliances



SKN-MDS-1000VA

Discharge Time (Hours):

NO.	Name	Specifications	Quantity (pcs)	Lighting time (Hours)
1	LED lights	3W	1pcs	430
2	Electric Fan	12V/30W	1pcs	43
3	TV	AC220V (LCD 32inch 60W)	1pcs	22
4	Fridger	AC220V 120W	1pcs	11
5	Computer	AC220V 200W	1pcs	6.5

SAKO™

W3C 011515 W3C 1509001 W3C 15014001 CE CB RoHS Scheme



> TECHNICAL PARAMETER

MODEL	MDS-1000-400W		
Name of Parts	Specifications	Parameters	Quantity
Mono-crystalline solar panels	The Maximum Power Of Solar Panels (W)	200W	2pcs
	The Short Circuit Current Of Solar Panels (A)	8.24A	
	The Maximum Power Current Of Solar Panels (A)	7.51A	
	The Open Circuit voltage of Solar Panels (V)	32.73V	
	The Maxium Power Voltage Of Solar Panels (V)	36V	
Battery	Maintenance Free Lead-Acid Battery	12V/100AH	2pcs
Solar Controller	Rated Voltage	24V	1pcs
	Discharge Current	30A	
	Charge And Recover Voltage	27V/Lead-Acid	
	The Battery's Overvoltage Protection And Recover	28.8V/26.4V	
	The Set Range Of Voltage When low voltage Off	21.6V-23.2V	
Inverter	The Set Range Of Voltage When low voltage On	24.2V-26.4V	1pcs
	rated output power	600W	
	rated output voltage	220V±10%,50±2Hz	
	Output waveform	Pure Sine Wave	
	Rated Input Voltage	24V	
	Undervoltage alarm	21±0.5V	
	Low Voltage Off	≤20.0V	
	Overvoltage Off	≥28.4V	
Output	Efficiency	≥90%	2pcs
	AC220V Socket	220V/1A	
Accessories	Solar panel wire	10M	1pcs
	Utility Power Charge wire	1.5M	1pcs
Portable box Dimension (mm)	box: L370*W324*H144,package:450*404*230		
Solar panel Dimension (mm)	1482*992*40*2pcs		
Battery Dimension(mm)	330*171*214mm*2pcs		
Weight(KG)	box G.W.:15kg, solar panel:17kg*2pcs, battery:29.5kg*2pcs		