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SAKO SOLAR REFRIGERATOR INVERTER SKN-RF Series



SAKO SKN-RF Series MAIN FUNCTION

Pure sine wave refrigerator inverter system
 high efficiency more than 91%
 low self consume when no load status
 solar first, ac second model
 high capacity against refrigerator start current
 with AVR function
 inverter technology when refrigerator starting

OHSMS 28001 ISO 9001:2000 ISO 14001:2004



SAKO SKN-RF Series TECHNICAL PARAMETER

SKN-RF 200W

Name Of Parts	Specifications	Parameters
Solar Charge Controller	Rated Voltage (VDC)	12VDC
	Rated Solar Charge Current (A)	15A Max.
	Input P.V. Max. (VDC)	24VDC
	Rated Efficiency	≥95% (No Load Draw≤3%)
	Overcharge Protection Voltage (VDC)	15.0V±0.2V
	Overcharge Recovery Voltage (VDC)	13.6V±0.2V
	Overdischarge Protection Voltage (VDC)	10.80V±0.2V
	Overdischarge Recovery Voltage (VDC)	13.6V±0.2V
Battery Input Features	Rated Battery Voltage (VDC)	12VDC
	Rated Input Current (A)	17A
	Rated Input Voltage Range (VDC)	10.5~16.0VDC
	Low Battery Alarm (VDC)	11.0±0.2VDC
	Low Battery Shut-Down (VDC)	10.8±0.2VDC
	High Battery Alarm (VDC)	15.0±0.2VDC
	High Battery Shut-Down (VDC)	15.5±0.2VDC
	High Battery Recovery (VDC)	13.6±0.2VDC
Inverter AC Output	Rated Output Power (W)	200W
	Rated Output Voltage (VAC)	220VAC±5%
	Output Phase	Single Phase
	Output Frequency (Hz)	35Hz~50Hz(Frequency go down and recovery slowly When overload upon 150%)
	Rated Output Current (A)	1A
	Output Waveform	Pure Sine Wave
	Total Harmonic Distortion	≤5%
	Crest Factor	3:1
AC Input Features	Work Mode Without Solar Power Input	Work At Bypass & Charge Mode
	Work Mode With Solar Power Input	Only Bypass & No Charge Mode Inverter Mode (Battery>13.5VDC)
Protection Function	Output Overload Protection	Shutdown Output After 90S
	Output Shortcircuit Protection	Shutdown When Shortcircuit
	Input Lowvoltage Protection	Sound-Light Alarm (<11VDC)
	Overtemperature Protection and Recovery	Shutdown Output Upon 90°C,Recovery Lower 65°C
Physical	587*472*502 mm	mm
	23 KG	KG