

# SAKO HIGH FREQUENCY ONLINE UPS SKG-C6-20KVA

## Application:

Small network server and other IT equipment

## Feature:

- 1)High frequency and double conversion on-line technology
- 2)Fully digitized DSP control
- 3)Advanced PFC
- 4)Wide input voltage range
- 5)Parallel Redundancy
- 6)LCD display option
- 7)Parallel capacity
- 8)Advanced Battery Management
- 9)Automatically charging in ups OFF mode
- 10)Lightning and surge protection
- 11)Short circuit and overload protection
- 12)Fan speed auto control when loads varies
- 13)EMI/RFI noise filter
- 14)Smart RS232 communication port
- 15)Optional SNMP cards
- 16)LCD model:SKG-X



Series		SKG - C 6~20K						
Model		SKG-C6KVA	SKG-C6KS	SKG-C10KVA	SKG-C10KS	SKG-T10KS	SKG-T15KS	SKG-T20KS
Capacity		6KVA/4.2KW		10KVA/7KW		10KVA/7KW	15KVA/10.5W	20KVA/14KW
Input	Voltage Range	176VAC-276VAC or 88VAC-137VAC±5V				304-478VAC±5V		
	Frequency Range	46~54HZ or 56-64HZ ±0.5HZ auto sensing						
	Phase	Single phase				Three phase		
	Power Factor	≥0.98				≥0.95		
	Voltage Range	220Vac or 110Vac ±1%						
	Phase	Single phase						

	Frequency Range	50HZ/60HZ±0.1%(battery mode)			
	THD (linear load)	< 2%			
	THD (non-linear load)	< 5%			
	Overload Capability	105%~130% 10MIN run to bypass mode;>130% 1s run to bypass mode and shut down after 1 min			
	Crest Factor	3:1(max)			
	Short Circuit Protection	5 cycles turn off inverter, no transfer to bypass, provide alarm (AC mode) 5 cycles turn off inverter, provide alarm (battery mode) input fuse blown or breaker action (bypass mode)			
	Waveform	Pure sine wave			
	Transfer Time Between AC Mode and Battery Mode	Zero transfer time			
	Transfer Time Between AC Mode and Bypass Mode	Zero transfer time			
	Power Factor	≥0.8			
	Efficiency	≥85%			
<b>Output</b>	Model	12V sealed lead acid maintenance free			
	DC Voltage	192VDC			
	Configuration	16×12V/7AH			External battery bank
	Backup Time (half load)	12min	Depends on the external battery capacity	8min	Depends on the external battery capacity
	Backup Time (full load)	4min	Depends on the external battery capacity	3min	Depends on the external battery capacity
	Charge Current(standard unit)	1A			N/A
	Charge Current(long time unit)	5A			
	Recharge Time	90% capacity after 8 hrs charging			
	<b>Communication Interface</b>	RS232;SNMP(ortional)			
	<b>Parallel port</b>	Parallel availability for redundancy and load sharing up to three units			

<b>LCD Indication</b>		LCD: 1.Inpur voltage/frequency,battery voltage,output voltage/frequency,loadwatt,Va value and percent,inverter temperature 2.Operation mode auch as"on line","on batt"or"on bypass" LED: 1.Green LED for normal operation, 2. Yellow LED for warning condition, 3.Red LED for abnormal operation					
<b>LED Indication</b>		Mode, load or battery capacity					
<b>Noise Level</b>		≤55dB					
<b>Environment</b>	Temperature	0~40℃					
	Humidity	0%~95%(Non-condensing)					
	Altitude	< 1500m					
	Storage Temperature	0~40℃					
<b>Other</b>	Standard unit Net/Gross Weight	63/57Kg	21.5/18Kg	73.5/67.5Kg	23.5/20Kg	33/27Kg	41/35Kg
	Dimension(W×D×H)mm	248×500×616	248×500×460	248×500×616	248×500×460	248×500×616	
	Packing(W×D×H)mm	680×380×834	595×390×578	680×380×834	595×390×578	680×380×834	

rack mount and 110V UPS size will be offered in email