

UPS KAISE 6-10KVA ONLINE MONOFÁSICA TOWER

MODELO. CARACTERÍSTICAS. ESPECIFICACIONES TÉCNICAS



4 Kinds of LCD can be selected



Battery Cabinet
(Optional)



Optimized Battery Configuration
7/9Ah

Features

- Online double conversion with full digital control
- Optimization battery group, the quantity of battery: 16/18/20pcs (Settable)
- Wide input voltage range: 1210~286Vac
- Input power factor 0.99 with PFC
- Wide input frequency range
- Selectable output voltage: 220/230/240Vac
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Multiple communication interface: RS232/USB/EPO (Dry contact card/SNMP card optional)
- Cold start
- Design with maintenance switch (Optional)
- Intelligent fan speed regulation
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



Dry contact card



SNMP card

TECHNICAL SPECIFICATIONS

MODEL	UPS9106SKAI	UPS9110SKAI
Capacity (KVA/KW)	6 kVA 15,4KW	10kVA 9KW
INPUT		
Nominal Voltage (Vac)	220/230/240	
Operating Voltage Range (Vac)	110~286	
Power Factor	≥0.99	
Harmonic Distortion (THDi)	≤3% (Linear load)	
Bypass Voltage Range (Vac)	Max.voltage: 230~264; Min.voltage: 176~220	
Bypass Frequency Range (Hz)	40~70 (50/60 Auto-Sensing)	
OUTPUT		
Nominal Voltage (Vac)	220/230/240	
Voltage Regulation	±1%	
Power Factor	0.9	
Output Frequency (Hz)	Line mode: ±10% of the rated frequency; Bat. mode: (50/60±0.1%)	
Crest Factor	3:1	
Harmonic Distortion (THDv)	≤2% Linear load; ≤5% Non linear load	
Transfer Time (ms)	AC mode to Bat. mode: 0; Inverter to Bypass: 5 (Typical)	
Waveform	Pure Sinewave	
Overload	Line mode	Load≤105% long time running; ≤125% last 10min; ≤130% last 30s;>130% turn to bypass mode immediately
	Bypass mode	40A (Breaker) 63A (Breaker)
Efficiency		
AC Mode	Up to 93.5%	
ECO Mode	Up to 97.5%	
BATTERY		
Battery Type	VRLA (Lead acid maintenance free battery)	
Battery Voltage (Vdc)	192/240 (Default)	
Battery Capacity (Ah)	9 (7 Optional)	
Typical Recharge Time (hours)	6~8 (To 90% of full capacity)	
Charging Current (Max.) (A)	1.35 (Standard unit); Long run unit Max.current 8 (Charging current can be set according to battery capacity)	
MANAGEMENT		
LED Display	Line mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault	
LCD Display	Input voltage, Input frequency, Output voltage, Output frequency, Load, Battery voltage, Inner temperature & Remaining battery backup time	
ENVIRONMENTAL		
Operating Temperature (°C)	0~40	
Storage Temperature (°C)	-25~55	
Humidity Range	20~95%RH @ 0~40°C (Non condensing)	
Altitude (m)	<1000, derating required between 1000 to 3000	
Noise Level (dB)	<55	<58
PHYSICAL		
Dimension WxDxH (mm)	H: 191x460x337; S: 191x460x720 (With caster)	
Weight (kg) sIN BATERÍAS	12	13,5
STANDARDS		
Safety	IEC/EN 62040-1, IEC/EN 62477-1	
EMC	IEC/EN 62040-2 (IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, IEC 61000-2-2)	

1. When output voltage is 208Vac, need to derate to 80% of the unit capacity
2. Specifications are subject to change without prior notice
3. Data above are typical values for reference only, not as a basis for engineering design

