

UPS ONLINE MONOFÁSICO 1-3KVA



Panel LCD



CARACTERÍSTICAS

- Online doble conversión
- Amplio rango de voltaje de entrada (110 ~ 300 Vca)
- Factor de potencia de salida 0.9
- Modo convertidor de frecuencia 50Hz / 60Hz
- Operación del modo Eco para ahorro de energía (ECO)
- Compatible con generador
- Comunicación SNMP / USB / RS232
- Diseño inteligente del cargador de batería para optimizar el rendimiento de la misma

APLICACIONES



Uso doméstico



Comercio, oficinas
y Pymes



Computadoras y
periféricos



CCTV



SOLUCIONES PARA

- ✓ Cortes de Energía / Apagones (Blackout)
- ✓ Baja tensión momentánea / Micro-cortes
- ✓ Bajadas de Tensión Sostenida
- ✓ Sobre Voltaje / Subidas de Tensión
- ✓ Ruido Eléctrico
- ✓ Transitorios o micro-cortes
- ✓ Picos de tensión / alto voltaje momentáneo

ESPECIFICACIONES TÉCNICAS

		KUKS-T01K-WB		KUKS-T01K-LB		KUKS-T02K-WB		KUKS-T02K-LB		KUKS-T03K-WB		KUKS-T03K-LB	
Capacity (VA/Watts)		1000VA / 900W				2000VA / 1800W				3000VA / 2700W			
Nominal voltage		200/208/220/230/240Vac											
Operating voltage range	Lower limit of input voltage	160Vac±5% @100%~80%load 140Vac±5% @80%~70%load 120Vac±5% @70%~60%load 110Vac±5% @60%~0%load (Ambient temp. <35°C)											
	Lower limit of input voltage	175Vac±5% @100%~80%load 155Vac±5% @80%~70%load 135Vac±5% @70%~60%load 125Vac±5% @60%~0%load (Ambient temp. <35°C)											
	Upper limit of input voltage	300Vac±5%											
	Upper comeback voltage from bypass mode to normal mode	290Vac±5%											
Operating frequency range		40~70Hz											
Power factor		0.99											
Generator input		Support											
Output voltage		200/208/220/230/240Vac											
Power factor		0.9											
Voltage regulation		±1%											
Frequency	Line mode (Synchronized range)	47~53Hz or 57~63Hz											
	Bat. mode	(50/60±0.1)Hz											
Crest factor		3:1											
THarmonic distortion (THDv)		≤3% THD with linear load ≤6% THD with non linear load											
Waveform		Pure sinewave											
Transfer time	AC mode <-> Batt. mode	Zero											
	Inverter <-> Bypass	4ms(Typical)											
Efficiency	Line mode	88%				92%				92%			
	Batt mode	85%	86%	87%	88%	89%	90%						
BATTERY													
Battery type		12V9AH	Depends on the capacity of external batteries		12V9AH	Depends on the capacity of external batteries		12V9AH	Depends on the capacity of external batteries				
Numbers		2	2	3	4	6	6	6	8				
Backup time		Long run unit depends on the capacity of external batteries											
Typical recharging time. (Standard mode)		4 hours recover to 90% capacity (Typical)											
Charging voltage		27.4Vdc±1%	27.4Vdc ±1%	41.0Vdc±1%	54.7Vdc±1%	54.7Vdc±1%	82.1Vdc±1%	82.1Vdc±1%	82.1Vdc±1%	109.4Vdc±1%			
Charging current		1A	Max. 12A		1A	Max. 12A		1A	Max. 12A				
Line mode	Ambient temp. <35°C	105%~110%: UPS shuts down after 10 minutes at battery mode or transfer to bypass when the utility is normal 110%~130%: UPS shuts down after 1minute at battery mode or transfer to bypass when the utility is normal >130%:UPS shuts down after 3 seconds at battery mode or transfer to bypass when the utility is normal											
	35°C <ambient	105%~110%: UPS shuts down after 1 minutes at battery mode or transfer to bypass when the utility is normal >110%:UPS shuts down after 3 seconds at battery mode or transfer to bypass when the utility is normal											
Temp. <40°C													
Short circuit		Hold whole system											
Overheat		Line mode: Switch to bypass; Backup mode: Shut down UPS immediately											
Battery low		Alarm and switch off											
EPO (optional)		Shut down UPS immediately											
Audible & Visual alarms		Line failure, Battery low, Over load, System fault											
Communication interface		USB (or RS232), SNMP card (optional), Relay card (optional)											
Operating temperature		0-40°C											
Storage temperature		-25°C-55°C											
Humidity range		20~90% RH @ 0~40°C (Non-condensing)											
Altitude		<1500m											
Noise level		Less than 50dBA @ 1 Meter											
Dimension W×H×D (mm)		144×209×293	144×209×293	144×209×293	144×209×399	144×209×399	144×209×399	191×337×460	144×209×399	144×209×399			
Net weight (kg)		9.8	4	4.1	17	6.7	6.8	27.6	7.3	7.4			
Safety		IEC/EN62040-1,IEC/EN60950-1											
EMC		IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8											

* Derate to 80% of capacity when the output voltage is adjusted to 200/208Vac

** Product specifications are subject to change without further notice.

