

# UPS Online Monofásico 1-3kVA RT 1:1

## MODELO . CARACTERÍSTICAS . ESPECIFICACIONES TÉCNICAS



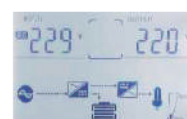
UPS  
Online Monofásico Kaise  
1-3kVA RT

### Características

- Doble conversión en línea
- Amplio rango de voltaje de entrada (110 300Vac)
- Factor de potencia de entrada 0.99 (Withc PFC)
- Factor de potencia de salida 1.0
- Corriente de carga opcional 1A o 2A para unidad estándar,  
La corriente de carga de 2A es para 2 grupos de baterías insertables.
- Corriente de carga máxima 12A (unidad de largo recorrido)
- La corriente de carga se puede configurar mediante LCD (unidad de largo recorrido)
- Modo convertidor de frecuencia 50Hz / 60Hz
- Función de apagado de emergencia (EPO)
- Operación en modo ECO para ahorro de energía
- Generador compatible
- Comunicaciones múltiples SNMP + USB + RS232
- Diseño inteligente de carga de batería para optimizar el rendimiento de la batería
- Soporte de batería de litio y BMS
- Voltaje de salida seleccionable: 200,208,220,230,240Vac



LCD Colorido



LCD Gris

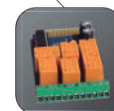


LCD Azul

Se pueden seleccionar 3 tipos de lcd



SNMP



Relay card



3U for 3KVA standard unit



Gabinets de batería  
(Opcional)



El panel LCD se puede girar.



## Especificaciones técnicas

MODEL	KUKS-RT01	KUKS-RT01H	KUKS-RT02	KUKS-RT02H	KUKS-RT03	KUKS-RT03H
Capacity (VA/Watts)	1000VA/1000W		2000VA/2000W		3000VA/3000W	
Phase	Single phase with ground with					
<b>INPUT</b>						
Nominal Voltage	200/208/220/230/240Vac					
Operating voltage range	Low voltage of transferring to bypass	160Vac±5%@100%-80%load	140Vac±5%@80%-70%load	120Vac±5%@70%-60%load	110Vac±5%@60%-0%load (Ambient temp. <35°C)	
	Low threshold voltage of recovering from bypass	175Vac±5%@100%-80%load	155Vac±5%@80%-70%load	135Vac±5%@70%-60%load	125Vac±5%@60%-0%load (Ambient temp. <35°C)	
	High voltage of transferring to bypass	300Vac±5%				
	High threshold voltage of recovering from bypass	290Vac±5%				
Input Voltage Range	55~150Vac or 110-300 Vac @ 60%load, 80-145Vac or 160-300Vac@100% load					
Operating frequency range	40-70Hz					
Power Factor	0.99					
Generator input	Support					
<b>OUTPUT</b>						
Output Voltage	200/208/220/230/240Vac					
Power factor	1					
Voltage Regulation	±1%					
Frequency	Line mode (Synchronized range)	47-53Hz or 57-63Hz				
	Bat. mode	(50/60±0.1)Hz				
Crest Factor	3:1					
Harmonic Distortion (THDv)	≤2% THD (linear load)					
	≤4% THD (non-linear load)					
Waveform	Pure Sinewave					
Transfer Time	AC mode <-> Batt. Mode	Zero				
	Inverter <-> Bypass	4ms (Typical)				
<b>EFFICIENCY</b>						
AC Mode	88%		92%		92%	
Battery Mode	85%		88%		90%	
<b>BATTERY</b>						
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	8
Backup time	Long run unit depends on the capacity of external batteries					
Typical recharging time (standard mode)	4 hours recover to 90% capacity					
Charging voltage	27.4VDC ± 1%	27.4VDC ± 1%	41.1VDC ± 1%	54.7Vdc ± 1%	54.7Vdc ± 1%	82.1Vdc ± 1%
Charging current (max.)	1A or 2A	12A max, can be set by LCD		1A or 2A	12A max, can be set by LCD	
<b>SYSTEM FEATURES</b>						
Line mode Battery mode	Ambient temp. <35°C	105%~110%: UPS transfer to bypass after 10 minutes when the utility is normal 110%~130%: UPS transfer to bypass after 1 minute when the utility is normal 130%~150%: UPS transfer to bypass after 5 seconds when the utility is normal >150%: UPS transfer to bypass immediately when the utility is normal				
	35°C < ambient Temp. < 40°C	105%~110%: UPS transfer to bypass after 1 minute when the utility is normal 110%~130%: UPS transfer to bypass after 5 seconds when the utility is normal >150%: UPS transfer to bypass immediately when the utility is normal				
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, RS232, SNMP card (optional), relay card (optional)					
<b>PHYSICAL</b>						
Dimension W x H x D (mm)	440*305*86.5		440*460*86.5	440*435*86.5	440*600*86.5/440*460*131	440*435*86.5
Net Weight (kg)	11.3	5.6	5.6	19.1	8.3	8.3
<b>ENVIRONMENT</b>						
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 at 1 Meter					
<b>STANDARDS</b>						
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					