

UPS Online Monofásica 1-3kVA

MODELO . CARACTERÍSTICAS . ESPECIFICACIONES TÉCNICAS



UPS
Online Monofásica Kaise
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
- Comunicaciones SNMP / USB / RS232
- Diseño inteligente del cargador de batería para optimizar el rendimiento de la batería

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friendly tech



ESPECIFICACIONES TÉCNICAS



MODEL		UDC9101S / UDC9101H			UDC9102S / UDC9102H			UDC9103S / UDC9103H		
Phase					Single phase with ground					
Capacity (VA/Watts)		1000VA / 900W			2000VA / 1800W			3000VA / 2700W		
INPUT										
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℃)								
	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℃)								
	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										
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								
Harmonic 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	4	6	6	6	8
Backup time		Long run unit depends on the capacity of external batteries								
Typical recharging time (Standard modle)		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		12A max,can be set by LCD		1A	12A max,can be set by LCD		1A	12A max,can be set by LCD		
SYSTEM FEATURES										
Line mode	Ambient temp.<35℃	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								
Battery mode	35℃<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℃										
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)								
ENVIRONMENT										
Operating temperature		0~40℃								
Storage temperature		-25℃~55℃								
Humidity range		20~90% RH @ 0~40℃ (Non-condensing)								
Altitude		<1500m								
Noise level		Less than 50dBA @ 1 Meter								
PHYSICAL										
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
STANDARDS										
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.

