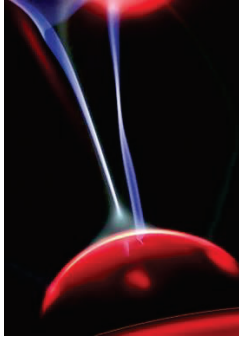


# Sirius 1K-2K-3K

On Line double conversion Single Phase Sinewave Ups 110V



Uninterruptible Power System

MODEL	SIRIUS1000	SIRIUS2000	SIRIUS3000
<b>CAPACITY</b>	1000VA/1000W	2000VA/2000W	3000VA/3000W
<b>INPUT</b>			
Voltage Range	Low Line Transfer	80VAC/70VAC/60VAC/55VAC $\pm$ 5 % ( based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)	
	Low Line Comeback	87VAC/77VAC/67VAC/62VAC $\pm$ 5 %	
	High Line Transfer	150 VAC $\pm$ 5 %	
	High Line Comeback	145 VAC $\pm$ 5 %	
Frequency Range	40Hz ~ 70 Hz		
Phase	Single phase with ground		
Power Factor	$\geq$ 0.99 @ full load		
THDi	$\leq$ 5% @ 100~130VAC THDU < 1.6% @ input and full linear load condition		
<b>OUTPUT</b>			
Output voltage	100/110/115/120/127 VAC		
AC Voltage Regulation	$\pm$ 1% (Batt. Mode)		
Frequency Range (Synchronized Range)	47 ~ 53 Hz or 57 ~ 63 Hz		
Frequency Range	50 Hz $\pm$ 0.1 Hz or 60Hz $\pm$ 0.1 Hz (Batt. Mode)		
Current Crest Ratio	3:1		
Harmonic Distortion	$\leq$ 2 % THD (Linear Load) ; 4 % THD (Non-linear Load)		
Transfer Time	AC Mode to Batt. Mode	Zero	
	Inverter to Bypass	< 4 ms	
Waveform (Batt. Mode)	Pure Sinewave		
<b>EFFICIENCY</b>			
AC Mode	$\geq$ 89% @ full charged battery	$\geq$ 91% @ full charged battery	
ECO Mode	$\geq$ 96% @ full charged battery		
Battery Mode	$\geq$ 88%	$\geq$ 90%	
<b>BATTERY</b>			
Battery Type	12V/9AH	12V/9AH	12V/9AH
Numbers	2	4	6
Recharge Time	3 hours recover to 95% capacity for internal battery@ 2A charging current		
Charging Current	Default: 2A, Max: 8A adjustable		
Charging Voltage	27.4 VDC $\pm$ 1%	54.7 VDC $\pm$ 1%	82.1 VDC $\pm$ 1%
<b>PHYSICAL</b>			
Dimension, D X W X H (mm)	410 x 438 x 88	510 x 438 x 88	630 x 438 x 88
Net Weight (kgs)	With battery	11.6	27.5
	Without battery	6.6	12.4
<b>ENVIRONMENT</b>			
Operation Humidity	20-95 % RH @ 0- 40°C (non-condensing)		
Noise Level	Less than 50dBA @ 1 Meter (With fan speed control)		
<b>MANAGEMENT</b>			
Smart RS-232 or USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux, Unix and MAC		
Optional SNMP	Power management from SNMP manager and web browser		