

Online UPS 1:1 Phase

Output power factor: 0.8



Multifunction bracket

NST3J

1-3KVA
1:1Phase

Application:

PC, workstation, network center, SOHO, server, industry equipment, medical equipment, or other critical system.

Features:

- 1.Online-Double conversion (PFC)
- 2.Full digital control (DSP)
- 3.Economic Operation Mode (ECO)
- 4.Wide input voltage range
- 5.Self-testing when UPS startup
- 6.Cold Start (DC)
- 7.Secondary power down function
- 8.Multifunctional protection
- 9.Output bypass can be set
- 10.Input neutral and live wires reverse detection
- 11.Charger can be extended
- 12.Diverse options of accessories, intelligent management

Rear Panel



©Intelligent slot optional



USB



SNMP



Dry contact Board

LCD display



Two directions LCD display



Rack-Tower convertible



©Optimized battery configuration 1K-24V, 2K-48V, 3K-72V



Model	1 kVA	2 kVA	3 kVA					
Capacity(VA)	1000VA/800W	2000VA/1600W	3000VA/2400W					
Input	Phase			Single phase & Ground				
	Rated Voltage			220VAC				
	Voltage Range			115VAC-295VAC				
	Frequency Range			45-55Hz±0.5Hz or 55-65Hz±0.5Hz auto sensing				
	Power factor			≥0.98				
	ECO Range			200VAC-240VAC				
	Bypass Voltage Range			186VAC-252VAC				
	Current harmonic			≤7%(100%non-linear load)				
Output	Phase			Single phase & Ground				
	Rated Voltage			200/208/220/230/240VAC(optional)				
	Power Factor			0.8				
	Voltage precision			±2%				
	Output Frequency	Utility Mode			Follow utility			
		Battery Mode			(50/60±0.2%) Hz			
	Crest Factor			3 : 1				
	Transfer Time			(Utility→Battery) =0ms				
				(Utility→Bypass) < 4ms				
				(Utility→ECO) < 10ms				
				(Battery→ECO) < 10ms				
	Overload Capacity	Battery Mode			108%±5%<Load≤150%±5% exceed 30s ,cut off and alarm 150%±5%<Load<200%±5% exceed 300ms, cut off and alarm			
Utility mode			108%±5%<Load≤150%±5% exceed 30s transfer to bypass and alarm, 150%±5%<Load<200%±5% exceed 300ms transfer to bypass and alarm					
Efficiency	Utility mode		87%	88%	88%			
	Battery Mode		85%	85%	85%			
THD			≤3% (100% linear load)					
			≤5% (100% non-linear load)					
ECO Efficiency			≥94%					
Battery	Voltage		24VDC	24VDC	48VDC	48VDC	72VDC	72VDC
	Battery configuration		2x12V/9AH		4x12V/9AH		6x12V/9AH	
	Type		12V/9AH Free maintenance High-Rate Sealed Lead Acid battery(Standard)					
	Backup Time		Full load≥5min(Standard), Long time unit depends on the capacity of battery.					
	Charge Current(A)		1A	7A	1A	7A	1A	7A
Communication Interface			RS232 port, optional (USB port, USB card, SNMP card, Dry contact card)					
Operating Environment	Temperature			0°C ~ 40°C				
	Humidity			0 ~ 95% (Non condensing)				
	Storage temperature			-25°C ~ 55°C				
	Altitude			<1500m				
Other	Unit Dimensions(W×D×H)(mm)		440×380×86.5		440×520×131			
	Weight (Kg)		12/14.5	7/9.5	21.5/24.5	11.5/14.3	26/28.8	11.7/14.5