

MCU-NS

Uninterruptible Power Supply

Model No.		MCU-500NS	MCU-1000NS	MCU-1500NS	MCU-2000NS	MCU-3000NS
Rated Power		300W	600W	900W	1200W	2400W
INPUT	Voltage	140V---275VAC				
	Frequency	45-65Hz				
OUTPUT	Voltage	220V ±3% (Inverter Mode) / 220V±10% (Utility Mode)				
	Frequency	50/60±0.05Hz (Automaitc transfer according to the frequency of utility power)				
	Waveform	Sine Wave				
	Utility Power	Utility Mode with AVR Function				
	Cold Start Power	100% of Rated Power (for 220V Lamp)				
BATTERY	Type	Sealed Lead-Acid, Maintenance-free				
	DC Voltage	12VDC	24VDC			48VDC
	Capacity	12V/7AH	12V/7AH*2	12V/9AH*2	12V/7.2AH*4	12V/9AH*4
	Back-up Time (Half/Full Load)	≥2/6	≥2/6	≥2/6	≥2/6	≥2/6
	Value of Low Voltage Protection	11V+/-0.2V	22V+/-0.5V		42V+/-0.5V	
	Value for Under Voltage Protection	10V+/-0.2V	21V+/-0.5V		41V+/-0.5V	
	Charging Voltage	13.8V+/-0.2V	28V+/-0.5V		55.5V+/-0.5V	
	Charging Current	0.5-0.8A	0.5-1.0A	0.5-1.0A	0.5-1.0A	1.0-1.2A
	Recharge Time	≤8Hours.Charging up to 90%				
	Reverse Connection	No startup				
	Charging Mode	Automatic charging while power off & accessing to utility power				
	Transfer Time		< 5ms	< 5ms	< 5ms	< 5ms
AUDIBLE ALARM	Utility Power Normal	No alarm				
	Battery Discharge	Beeping sound every 30 seconds after utility power fails		Beeping sound every 30 seconds after utility power fails. Keep pressing the Silent Function Button for 2 seconds for muteness.		
		Beeping sound every second for low voltage alarm				
	Fault	Turn to Battery Mode without output, continuous beep for 20 seconds then automatically shutdown				
PROTECTION	Overload Protection	Battery Mode: Overload 125%: continuous beeping, cut down the output after 30 seconds & shutdown after another 20 seconds. Overload above 150%: immediate protecting. / Utility Mode: continuous beeping without protection.				
	Low Voltage Protection	Automatically shutdown, return to normal mode after utility power accessed				
	High Tempreture Protection	Turn to Battery Mode, shutdown while Inner tempreture be up to 90°C				
	Short Curcuit Protection	Automatically cut down the output & shutdown after 20 seconds				
On/Off Mode		ON: Keep pressing the On-off button for 2 seconds for startup. Automatically start without pressing the ON button while accessing to utility power.				

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	OFF: Keep pressing the On-off button for 2 seconds for shutdown. Battery be charged normally with UPS cutting down the output while accessing to utility power.				
Cooling System	Thermostatic Control Fan				
Indicators	LCD				
COMMUNICATION	Port	Rs232/USB			
	Interface	Monitor of Utility Fault,Power Failure, Battery,UPS Statu Indicator etc.			
	Software Function	1.Anlysis of Power Status, 2.Timing Controlling, 3.Monitor UPS, 4.Execute UPS Self-diagnosis, 5.Automatic Save			
Noise(dB)	< 35dB	< 40dB	< 45dB		
Operating Temperature	0°C~40°C				
Relative Humidity	20% ~ 90% non-condensing				
Dimension(mm)	155*85*330	195*120*300	145*410*220	192*460*340	192*460*340
Net Weight(Kg)	6.50	13.20	16.50	29.00	32.00

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