

# Maxion Series

## 10-40KVA Online Tower UPS With Internal Batteries



The online UPS ensures seamless, high-efficiency power backup by stabilizing the power supply and instantly switching to battery during outages. Supporting both single-phase and three-phase input/output configurations, it provides a reliable and energy-efficient solution for commercial buildings, data centers, and industrial environments requiring uninterrupted and consistent power.



### General Features

- 7-inch touch LCD with IoT functions
- Configurable as 3/3 or 3/1
- High reliability and environmental adaptability
- Unity power factor
- Paralleling Upto 6 units

### SPECIFICATIONS

MODEL	NPS-AC10T33I	NPS-AC15T33I	NPS-AC20T33I	NPS-AC30T33I	NPS-AC40T33I
Rated Power	10kVA	15kVA	20kVA	30kVA	40kVA
Input	Normal Voltage	380/400/415VAC(L-L) 220/230/240VAC(L-N)			
	Voltage Range	304-478VAC(L-L)full load 304-228VAC (L-L) power derate from 100% to 50%			
	Frequency	50/60Hz (40-70Hz)			
	Power Factor	>0.99			
	Current Distortion	THDi<2%(100% Linear load)			THDi <3%(100% Linear load)
Output	Output Voltage	380/400/415VAC(L-L) 220/230/240VAC(L-N)			
	Power Factor	1			
	Voltage Regulation	±1.0%			
	Frequency Accuracy	0.1%			
	Current Crest Ratio	3:1			
	Harmonic Distortion	<1% linear load ,<5% non-linear load according to IEC 62040-3			
	Phase Accuracy	120°±0.5°			
	Waveform	Sine wave			
	Output Socket Type	No sockets, output terminal			
Overload	Normal Mode	110%,1 hour ; 125%,10 mins ; 150%,1 min ; >150%,200ms			
	Bypass Mode	110%,1 hour ; 125%,10 mins ; 150%,1 min ; >150%,200ms			
Battery	Model	12VDC/9Ah			
	Quantity	40 PCS		80 PCS	
	Charging Capacity	8.6%*Pout		5.7%*Pout	20%*Pout
	Charging Accuracy	±1%			
Bypass	Rate Voltage	380/400/415VAC(L-L) 220/230/240VAC(L-N)			
	Frequency Range	50/60Hz Settable ±1Hz ±3Hz ±5Hz			
	Voltage Range	Range: -40%- +25% , Settable, default -20% +15%			
Management	Display	LED + 7 inch touch LCD			
	Communication Interface	USB, RS232, RS485, Dry contact, Air filter, Cold start,Internet port			USB, RS232, RS485, Dry contact, Cold start
	Optional Features	SNMP card, Relay contact card, Parallel kit			SNMP card, Relay contact card, Parallel kit, Air filter
Alarm	Two short, One long	General alarm (for example: main input abnormal)			
	Continuous Alarm	Serious faults (for example: fuse or hardware fault)			

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MODEL		NPS-AC10T33I	NPS-AC15T33I	NPS-AC20T33I	NPS-AC30T33I	NPS-AC40T33I
Indicators	Green	System is working normally				
	Red	System fails or fault				
	Yellow	System warns (utility fails, over load, etc)				
Environment	Humidity	0-95% (Non-condensing )				
	Noise level	67~72dB at full load				
	IP rating	IP20				
	Operating Temperature	0-40°C				
	Storage Temperature	-25 ~70 °C				
	Altitude	≤3000m above sea level, derate power by 2% per 100m between 3000m and 4000m				
Physical	Dimension WxDxH (mm)	250*694*724			400*770*854	350*823*1200
	Weight (kg)	140			250	262
Standard	Safety	IEC62040-1, IEC60950-1				
	EMC	IEC62040-2 IEC61000-4-2(ESD) IEC61000-4-3(RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge)				

\*Product specifications and appearance are subject to change without further notice.

### ORDERING INFORMATION

Part Number	Description
NPS-AC10T33I	10kVA Online Tower 3/3,3/1 UPS, 7inch screen with SNMP function, 40x battery space (Without Battery)
NPS-AC15T33I	15kVA Online Tower 3/3,3/1 UPS, 7inch screen with SNMP function, 40x battery space (Without Battery)
NPS-AC20T33I	20kVA Online Tower 3/3,3/1 UPS, 7inch screen with SNMP function, 40x battery space (Without Battery)
NPS-AC30T33I	30kVA Online Tower 3/3,3/1 UPS, 7inch screen with SNMP function, 80x battery space (Without Battery)
NPS-AC40T33I	40kVA Online Tower 3/3,3/1 UPS, 7inch screen with SNMP function, 80x battery space (Without Battery)