

Maxion Series

10-60KVA Online Rack UPS



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-AC10R33E	NPS-AC15R33E	NPS-AC20R33E	NPS-AC30R33E	NPS-AC40R33E	NPS-AC60R33E
Rated Power		10kVA	15kVA	20kVA	30kVA	40kVA	60kVA
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 75%					
	Frequency	50/60Hz (40-70Hz)					
	Power Factor	>0.99					
	Current Distortion	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	Rate Voltage	480VDC (with neutral point)					
	Quantity	20-50 PCS (40 PCS Default)	30-50 PCS (40 PCS Default)				
	Charging Capacity	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					
	Optional Features	SNMP card, Relay contact card, Parallel kit, Air filter, LBS, Cold start					
Indicators	Green	System is working normally					
	Red	System fails or fault					
	Yellow	System warns (utility fails, over load, etc)					

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System Feature	Transfer time	Mains to battery: 0ms; Inverter to bypass: 0ms					
	Alarm	Battery mode, battery low, Overload, fault, etc.					
	Protection	Overload, short circuit, battery over charging, 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)	440*774*130 (3U)			440*788*174 (4U)	440*780*308 (7U)	
	Weight (kg)	27	28	29	38	60	
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-AC10R33E	10kVA Online Rack 3/3,3/1 UPS, 7inch screen with SNMP function (External Battery)
NPS-AC15R33E	15kVA Online Rack 3/3,3/1 UPS, 7inch screen with SNMP function (External Battery)
NPS-AC20R33E	20kVA Online Rack 3/3,3/1 UPS, 7inch screen with SNMP function (External Battery)
NPS-AC30R33E	30kVA Online Rack 3/3,3/1 UPS, 7inch screen with SNMP function (External Battery)
NPS-AC40R33E	40kVA Online Rack 3/3,3/1 UPS, 7inch screen with SNMP function (External Battery)
NPS-AC60R33E	60kVA Online Rack 3/3,3/1 UPS, 7inch screen with SNMP function (External Battery)

COMPATIBLE ACCESSORIES

Part Number	Description
NPS-ACIOT01C	IoT Card for Maxion Series UPS
NPS-ACR2U80	Rail kits for UPS and Battery cabinet 40-80kgs)
NPS-ACBP480VDC	480VDC Rack Mount Battery Pack with 40*9Ah Battery
NPS-AC40PCR	Cabinet Tray for UPS and Battery Pack