

# Maxion Series

## 10-150KVA Modular UPS



The Modular UPS is designed to deliver reliable and efficient power protection for critical applications where downtime is not an option. Its modular architecture allows for flexible deployment in various industrial and commercial environments requiring continuous, uninterrupted power.



### General Features

- High Scalability and Redundancy
- Unity Output Power Factor
- High Reliability With Robust Component Protection
- Hot-swappable Power Modules
- Fully Digital Control System For Enhanced Flexibility and Robustness
- 10-inch Touch Lcd With Integrated Iot Functionality For Smart Monitoring
- Compact Design With A Minimal Footprint
- Supports Battery Connection Without The Need For A Neutral Line
- Supports High Capacity Lithium Battery

### SPECIFICATIONS

Power Module Model		NMLU-AC10PM			NMLU-AC20PM				NMLU-AC25PM		
Power Module rated capacity (KVA)		10			20				25		
No. of Power Module Slot		2	4	6	2	4	5	6	2	4	6
Rated Power (KW)		20	40	60	40	80	100	120	50	100	150
Input	Input	3P5W (3P+N+PE)									
	Rated Voltage	3-Phase input: 380/400/415VAC(L-L)									
	Voltage range	304 478VAC(L-L)full load 304 228VAC (L-L) power derate from 100% to 75%									
	Frequency	50/60Hz									
	Frequency range	40-70Hz									
	Input Power Factor	>0.99									
	Total harmonic distortion (THDi)	THDi<2% (100% Linear load)									
Bypass	Bypass Voltage range	Range: -40% - +25% , Settable, default -20% +15%									
	Overload	110%, long time operation; 110%< load<125%, 5 mins; 125%<load<150%,1 min; >150%,1 second									
Output	Rated voltage	3-Phase input: 380/400/415VAC(L-L)									
	Output frequency	50/60Hz									
	Output Power factor	1									
	Voltage accuracy	±1.0%									
	Output THDu	<1%(linear load), <5% (non-linear load according to IEC 62040-3)									
	Load response	<5% (20% - 80% -20% step load)									
	Recovery time	< 20ms (0% - 100% -0% step load)									
	Crest factor	3:1									
	Overload	110%,1 hour 125%,10 mins 150%,1 min >150%,200ms									
	Phase Accuracy	120°±0.5°									
	Synchronize window	Settable ±0.5Hz-±5Hz default ±3Hz									
	Efficiency	Max. efficiency	Normal Mode up to 96%; Battery Mode up to 96%								
Battery	Battery quantity	20-44PCS			32-44PCS				32-44PCS		
	Charging capacity	Max 100%*Pout ( Limited by input current)									
	Charging accuracy	±1%									
	Lithium-ion Battery compatible	Yes									
Features	Display	LED + 7 inch touch LCD									
	IP degree	IP20									
	Configuration	USB, RS232, RS485, Dry contact, Cold start									
	Environment	0-40 (operation);25 ~70 (storage); 0-95% (Humidity, non-condensing)									
	Noise	65dB @ 100% load, 62dB @ 45% load (1 meter)									

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Power Module Model		NMLU-AC10PM			NMLU-AC20PM			NMLU-AC25PM		
Cabinet	Dimension (W*D*H)mm	445*660*396	445*700*748	445*700*924	445*660*396	445*700*748	445*700*924	445*660*396	445*700*748	445*700*924
	Weight (KG)	42			75			82		
Module	Dimension (W*D*H)mm	400*495*86 (2U)								
	Weight (KG)	12			15			15		
Standards	Certification- Safety	IEC62040-1, IEC60950-1								
	Certification- EMS	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
NMLU-AC10PM	10kW Power Module
NMLU-AC20PM	20kW Power Module
NMLU-AC25PM	25kW Power Module
NMLU-AC2010	20kVA 2-slot Cabinet for 10kVA modular UPS
NMLU-AC4010	40kVA 4-slot Cabinet for 10kVA modular UPS
NMLU-AC6010	60kVA 6-slot Cabinet for 10kVA modular UPS
NMLU-AC4020	40kVA 2-slot Cabinet for 20kVA modular UPS
NMLU-AC08020	80kVA 4-slot Cabinet for 20kVA modular UPS
NMLU-AC10020	100kVA 5-slot Cabinet for 20kVA modular UPS
NMLU-AC12020	120kVA 6-slot Cabinet for 20kVA modular UPS
NMLU-AC5025	50kVA 2-slot Cabinet for 25kVA modular UPS
NMLU-AC10025	100kVA 4-slot Cabinet for 25kVA modular UPS
NMLU-AC15025	150kVA 6-slot Cabinet for 25kVA modular UPS

