

# Maxion Series

## 120-2000KVA 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-AC30PM			NMLU-AC50PM			NMLU-AC60PM		
Power Module rated capacity (KVA)		30			50			62.5		
No. of Power Module Slot		4	6	10	4	6	10	12	32	
Rated Power (KW)		120	180	300	200	300	500	600	2000	
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)								
Output	Output voltage	380/400/415VAC(L-L)								
	Output frequency	50/60Hz								
	Output Power factor	1								
	Voltage accuracy	±1.0%								
	Total Harmonic distortion	<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	Rated voltage	480VDC								
	Charging capacity	20%*Pout								
	Charging accuracy	±1%								
	Lithium-ion Battery compatible	Yes								
Features	Display	LED + 7 inch touch LCD			LED + 10 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 (1 meter)	65dB @ 100% load, 62dB @ 45% load			72dB @ 100% load, 69dB @ 45% load					

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Power Module Model		NMLU-AC30PM	NMLU-AC50PM			NMLU-AC60PM
Cabinet	Dimension (W*D*H)mm	482*816*796 (18U wheels not included)	600*750*1600	600*750*2000	1200*750*2000	3600*1000*2000
	Weight (KG)	120	170	220	450	500
Module	Dimension (W*D*H)mm	440*678*85 2U	440*475*140			442*659*174
	Weight (KG)	22	23			25
Standards	Certification- Saety	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-AC30PM	30kW Power Module
NMLU-AC50PM	50kW Power Module
NMLU-AC60PM	62.5kW Power Module
NMLU-AC12030	120kVA 4-slot Cabinet for 30kVA modular UPS
NMLU-AC18030	180kVA 6-slot Cabinet for 30kVA modular UPS
NMLU-AC30030	300kVA 10-slot Cabinet for 30kVA modular UPS
NMLU-AC20050	200kVA 4-slot Cabinet for 50kVA modular UPS
NMLU-AC30050	300kVA 6-slot Cabinet for 50kVA modular UPS
NMLU-AC40050	400kVA 8-slot Cabinet for 50kVA modular UPS
NMLU-AC60050	600kVA 12-slot Cabinet for 50kVA modular UPS
NMLU-AC200060	2000kVA 32-slot Cabinet for 62.5kVA modular UPS