

# Maxion Series

## 600-1200KVA 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-AC80PM	NMLU-AC100PM	
Power Module rated capacity (KVA)		80	100	
No. of Power Module Slot		15	6	8
Rated Power (KW)		1200	600	800
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	Rated voltage	480VDC		
	Charging capacity	20%*Pout		
	Charging accuracy	±1%		
	Lithium-ion Battery compatible	Yes		
Features	Display	LED + 10 inch touch LCD		
	IP degree	IP20		
	Configuration	USB, RS232, RS485, Dry contact, Cold start		
	Options	SNMP card, AS400 card, Parallel kit,SPD, Top air outlet		
	Environment	0-40 (operation) -25 ~70 (storage) 0-95% (Humidity, non-condensing)		
	Noise(1 meter)	72dB @ 100% load, 69dB @ 45% load		

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Power Module Model		NMLU-AC80PM	NMLU-AC100PM
Cabinet	Dimension (W*D*H)mm	800*1100*2000	
	Weight (KG)	100	
Module	Dimension (W*D*H)mm	475*705*140	
	Weight (KG)	20	
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-AC80PM	80kW Power Module
NMLU-AC100PM	100kW Power Module
NMLU-AC600100	600kVA 6-slot Cabinet for 100kVA modular UPS
NMLU-AC800100	800kVA 8-slot Cabinet for 100kVA modular UPS
NMLU-AC1200100	1200kVA 12-slot Cabinet for 100kVA modular UPS
NMLU-AC120080	1200kVA 16-slot Cabinet for 80kVA modular UPS