

25-2000kVA Modular UPS



The 25-2000kVA Modular UPS Series delivers reliable and efficient power protection tailored for a variety of critical applications, including data centers, IT infrastructure, banking sectors, and educational institutions. Engineered for high performance and durability, this series ensures a stable power supply, advanced battery management, and minimal switching time for seamless operation.



General Features

- Online double conversion
- Fully digital control, flexible and robust
- High reliability and environment adaptability, with protection of components level
- Intelligent system self-diagnosis, rich fault recording, large capacity of history record storage space
- 7inch and 10 inch touch LCD, with IoT functions
- Output power factor 1
- Lithium ion battery compatible

SPECIFICATIONS

MODEL		NMLU-AC10025	NMLU-AC12030	NMLU-AC30050	NMLU-AC60050	NMLU-AC800100	NMLU-AC120080	NMLU-AC200060
Cabinet Capacity		100kVA	120kVA	300kVA	600kVA	800kVA	1200kVA	2000kVA
No.: of Power Module Slot (Maximum)		4	4	6	12	8	16	32
Power Module rated capacity		25kW	30kW	50kW	50kW	100kW	80kW	60kW
Input	Rate Voltage	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 Voltage range	Range: -40%- +25% , Settable, default -20%+15%						
	Bypass frequency range	50/60Hz Settable ±1Hz ±3Hz ±5Hz						
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	Rate voltage	480VDC						
	Battery quantity	40PCS						
	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						
	Communication	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						
Dimension (W*D*H)mm	Cabinet	482*816*796 (18U wheels not included)		600*750*2000	1200*850*2000	800*1100*2000	1200*1100*2300	3600*1000*2000
	Power Module	440*678*85 2U		440*475*140		475*705*140	476*705*140	442*659*174
Weight (Kg)	Cabinet	113		220	450	432	650	1100
	Power Module	23		23		47	65	41

ORDERING INFORMATION

Part Number	Description
NMLU-AC10025	100kVA 4-slot Cabinet for 25kVA modular UPS
NMLU-AC12030	120kVA 4-slot Cabinet for 30kVA modular UPS
NMLU-AC30050	300kVA 6-slot Cabinet for 50kVA modular UPS
NMLU-AC60050	600kVA 12-slot Cabinet for 50kVA modular UPS
NMLU-AC800100	800kVA 8-slot Cabinet for 100kVA modular UPS
NMLU-AC120080	1200kVA 16-slot Cabinet for 80kVA modular UPS
NMLU-AC200060	2000kVA 32-slot Cabinet for 60kVA modular UPS
NMLU-AC25PM	25kW Power Module
NMLU-AC30PM	30kW Power Module
NMLU-AC50PM	50kW Power Module
NMLU-AC60PM	60kW Power Module
NMLU-AC80PM	80kW Power Module
NMLU-AC100PM	100kW Power Module

