



NATILUOS

Unlimited Energy



PRODUCTS CATALOG

COMPLETE POWER SOLUTIONS

NU



NU 060/10X
NU 040/10X

NU 020/10X
NU 090/10X

NU 045/15X
NU 030/15X

NU Series

Modular Online UPS

10-90kVA (380V/400V/415V)

The NU modular, scalable, hot-swappable, online double conversion UPS ranging from 10 to 90kVA, with its flexible configuration of 3/3, 3/1 and 1/1, compact structure, is the ideal choice for small and medium data center.

Natiluos modular design

Modular design, compatible with 19" standard rack cabinet, convenient to be integrated with servers

High power density

10/15kVA power module in 2U height, saving great amount of space, easy for capacity expansion

Integrated solution for data center

UPS can be integrated with battery cabinet, POU and external maintenance bypass, offering excellent choice for data center

Intelligent charging management

The system intelligently control the whole process of the charging and discharging, effectively improving the life time of the battery

Flexible configuration

The system based on 10kVA power module can be configured to 3/3, 3/1 and 1/1 without derating

Friendly interface

7" touch color LCD with graphic display, more information displayed and easier for customer to operate

Self-aging mode

Energy internal circle technology, system can run with full load ,saving more than 90% energy



SPECIFICATIONS

MODEL		NU060/10X	NU040/10X	NU020/10X	NU090/15X	NU045/15X	NU030/15X	
System Capacity		60kVA	40kVA	20kVA	90kVA	45kVA	30kVA	
Power Module Capacity		10kVA/10kW			15kVA/15kW			
Input	Dual Input	Standard						
	Phase	3 Phase+Neutral+Ground, 380V/400V/415V(line-line)						
	Input Voltage Range	304~478Vac (line-line),full load; 228V~304Vac (line-line),load decreases linearly according to the min phase voltage						
	Rate Frequency	50/60Hz						
	Input Frequency Range	40Hz ~ 70Hz						
	Input PF	>0.99						
	Input THDi	<4% (100% Linear load)						
Bypass	Rate Voltage	380/400/415VAC (line-line)						
	Rate Frequency	50/60Hz						
	Input Voltage Range	Settable, -40% ~ +25%						
	Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz						
	Bypass Overload	125% long term operation; 130% for 10mins ; 150% for 1 min; >150% for 300ms			110% long term operation; 130% for 5mins ; 150% for 1 min; >150% for 300ms			
Output	Rate Voltage	380/400/415VAC (line-line)						
	Voltage Regulation	1% for balance load; 1.5% for unbalance load						
	Rate Frequency	50/60Hz						
	Frequency Precision	0.1%						
	Output PF	1						
	Output THDu	<1% , Linear load; <5.5%, Non-linear load						
	Crest Factor	3:1						
	Inverter Overload	110% for 1 hour; 125% for 10 mins ;150% for 1 min; >150% for 200 ms						
Battery	Voltage	±240VDC						
	Battery Number	40pcs (Settable: even number from 32 to 44)						
	Voltage Precision	±1%						
	Charge Power	up to 20% * Output active power						
	Battery Cold Start	Optional						
System	Efficiency	AC Mode	95.0%					
		ECO Mode	98.0%					
		Battery Mode	94.5%					
	Display	7.0" color touch screen LCD + LED + keyboard						
	IP Class	IP 20						
	Interface	RS232,RS485, Programmable Dry Contact						
	Option	SNMP Card, Parallel kit, SPD, Power module with battery cold start function						
	Temperature	Operation: 0 ~ 40 °C Storge: -40 ~ 70 °C						
	Relative Humidity	0 ~ 95% Non-condensing						
	Altitude	<1000m. Within 1000m to 2000m, power derate 1% for every 100m rise						
	Noise (1 meter)	56dB @ 50% load						
	Applicable Standards	Safety: IEC/EN 62040-1-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3						
	Physical	Weight (kg)	Cabinet	85	51	42	85	55
Power module			15.3			15.5		
Dimension W*D*H(mm)		Cabinet	485*751*1033	485*697*575	485*697*398	485*751*1033	485*751*575	485*697*398
		Power module	436*590*85					



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+40 31 845 1600



info@natiluos.com
www.natiluos.com



GREEN GATE TUDOR VLADIMIRESCU 22
BLVD., SECTOR 5, BUCHAREST , ROMANIA