



NATILUOS

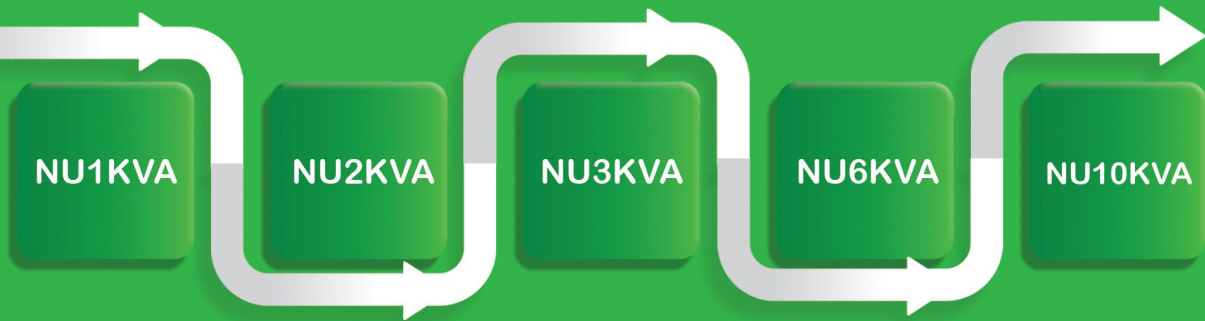
Unlimited Energy



PRODUCTS CATALOG

COMPLETE POWER SOLUTIONS

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NU11 PRO SERIES

NU11 Pro Series 1 KVA - 10 KVA
Online Single phase UPS

DESCRIPTION

NU11 Pro specifically designed for operation in poor power areas. they provides high power aen-sity with long backup time in compact size. it is ideal for ATMs, banking and other buisness critical applications. Users also can adjust charging current. from 1A to 6A according to different applications

APPLICATION

For ATMs, bank and critical applications



FINANCE



TELECOMMUNION



ENERGY



MEDICAL



GOVERNMENT

FEATURES

- True double-conversion
- Microprocessor control optimizes reliability
- Output power factor 0.8
- Wide input voltage (110 V – 300 V)
- Converter mode available
- ECO mode for energy saving (Only available for 1-3KVA)
- Generator compatible
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status
- Input power factor correction
- Adjustable battery number only available for 6K and up models
- Optional isolation transformer available
- Emergency power off (EPO) function is only available for 6K/10K models
- (Please check with sales directly)



SPECIFICATIONS

MODEL	NU1KVA	NU2KVA	NU3KVA	NU6KVA	NU10KVA						
PHASE	Single phase with ground										
CAPACITY *	1000 VA / 900 W	2000 VA / 1800 W	3000 VA / 2700 W	6000VA / 5400W	10000 VA / 9000 W						
INPUT											
Nominal Voltage	110/115/120/127VAC or 208/220/230/240VAC			208/220/230/240VAC							
Input Voltage Range	60-145 VAC or 120-300 VAC (Based on load at 50%)(90-145 VAC or 180-300 VAC (Based on load at 100%)(110-300 VAC (Based on load at 50%)(176-300 VAC (Based on load at 100%)(
Frequency Range	40 Hz ~ 70 Hz			46-54 Hz or 56-64 Hz							
Power Factor	0.99 @ Nominall Voltage (100% load)										
OUTPUT											
Output Voltage	110/115/120/127VAC or 208/220/230/240VAC			208/220/230/240VAC							
Voltage Regulation	±1 %										
Frequency Range (Synchronized Range)	47 ~53 Hz or 57 ~63 Hz			46-54 Hz or 56-64 Hz							
Frequency Range (Batt. Mode)	50 Hz or 60Hz ± 0.5%			50 Hz or 60Hz ± 0.1 Hz							
Current Crest Ratio	3:1										
Harmonic Distortion	3 % THD (Linear Load) 6 % THD (Non-linear Load)			3 % THD (Linear Load) 5 % THD (Non-linear Load)							
Transfer Time	AC Mode to Battery Mode		Zero								
	Inverter to Bypass		4 ms (Typical)								
Waveform (Batt. Mode)	Pure Sinewave										
EFFICIENCY											
AC Mode	88%	89%	90%	92%	93%						
Battery Mode	83%	87%	88%	90%	91%						
BATTERY											
Standard Model	Battery Type	12 V / 9 Ah		12 V / 9 Ah	12 V / 9 Ah	12 V / 9 Ah					
	Numbers	2	3	4	6	6	16	20	16	20	
	Typical Recharge Time	4 hours recover to 90% capacity					9 hours recover to 90% capacity				
	Charging Current (max.)	1 A					1 A / 2 A				
	Charging Voltage	27.4VDC ± 1%	41.0VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%	82.1 VDC ±1%	218.4 VDC±1%	273VDC ±1%	218.4 VDC±1%	273VDC ±1%	
Long-run Model**	Battery Type	Depending on applications									
	Numbers	3			6		6		16 ~20 (Adjustable)		
	Charging Current (max.)	1.0A/2.0A/4.0A/6.0 A					1A/2A/4A/6A (Adjustable, 6A is only available for 16pcs batteries)				
	Charging Voltage	41.0 VDC ±1%		82.1 VDC ±1%		82.1 VDC ±1%		273 VDC ±1% (Based on 20pcs batteries)			
INDICATORS											
LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators										
ALARM											
Battery Mode	Sounding every 4 seconds										
Low Battery	Sounding every second										
Overload	Sounding twice every second										
Fault	Continuously sounding										
PHYSICAL											
Standard Model	Dimension, D x W x H (mm)	282x145 x220	397x145 x220	397 x 145 x 220	421 x 190 x 318	421 x 190 x 318	369 x 190 x 688	442 x 190 x 688			
	Net Weight (kgs)	9.8	11.4	17	26.2	27.6	61	74	66	76	
Long-run Model **	Dimension, D x W x H (mm)	282 x 145 x 220		397 x 145 x 220			369 x 190 x 318		442 x 190 x 318		
	Net Weight (kgs)	4.4		6.8		7.6	12		16		
ENVIRONMENT											
Humidity	20-90 % RH @ 0 -40°C (Non-condensing)				0-95% RH @ 0-50°C (non-condensing)		0-95% RH @ 0-40°C (non-condensing)				
Noise Level	Less than 50dB @ 1 Meter				Less than 55dB @ 1 Meter		Less than 58dB @ 1 Meter				
MANAGEMENT											
Smart RS-232 / USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC										
Optional SNMP	Power management from SNMP manager and web browser										



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