



UNINTERRUPTIBLE POWER SUPPLIES

PRODUCT CATALOGUE 2026



Reliable Power. Continuous Protection.



UNINTERRUPTIBLE POWER SUPPLIES



<https://www.arosups.com>

AROS LN

400 VA ~ 3000 VA



Features:

- ◆ Line-interactive UPS with microprocessor-based digital control
- ◆ Boost & Buck AVR for voltage stabilization
- ◆ Selectable LED/LCD display
- ◆ Wide input-voltage range and automatic frequency sensing
- ◆ Cold-start and automatic restart functions
- ◆ Intelligent battery management with temperature compensation
- ◆ Three-stage battery charging to help extend battery life
- ◆ Protection against short circuit, battery overcharge/overdischarge, overload and surge
- ◆ Automatic charging in OFF mode
- ◆ Optional USB communication and RJ45 protection
- ◆ Automatic PC shutdown through USB communication

Applications:

- ◆ Desktop computers and workstations
- ◆ Small office IT equipment
- ◆ Networking equipment
- ◆ POS and office systems
- ◆ Telecommunications equipment
- ◆ Security and surveillance systems
- ◆ Small servers and critical electronic equipment
- ◆ Home-office and professional electronic equipment

Specifications:

Model	LN400	LN600	LN800	LN1200	LN1500	LN2000	LN3000
Capacity	400 VA 240W	600 VA 360W	800VA 480W	1200 VA 720W	1500 VA 900W	2000 VA 1200W	3000 VA 1800 W
INPUT							
Voltage	100 / 110 / 120 V: 80 - 150 Vac; 220 / 230 / 240 V: 162 - 295 Vac (145 - 295 Vac optional)						
Frequency	50 / 60 Hz± 10% (auto-sensing)						
OUTPUT							
Voltage	100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%						
Frequency	50 / 60 Hz± 1% (auto-sensing)						
Waveform	Mains mode: pure sine wave; Battery mode: simulated sine wave						
Transfer time	Typical 8 ms, 10 ms max.						
BATTERIES							
DC voltage	12 V			24 V			48V
Configuration	12V/4.5 Ah x 1	12V/7.0 Ah x 1	12 V / 8.0 Ah x 1	12 V /7.0 Ah x 2	12V /8.0 Ah x 2	12V/9.0 Ah x 2	12V/9.0 Ah x 4
Recharge time	6-8h						
OTHERS							
Protections	Short circuit , battery overcharge, overdischarge , overload , surge						
Communications	USB (optional)						
Humidity	20 - 90% RH@ 0 - 40°C (non-condensing)						
Noise level	S45dB(1 m)						
Net/ Gross weight (kg)	3.4/ 3.6	4.2 /4.7	4.9 /5.3	8.8 / 9.4	9.4 / 10.0	10.2/10.8	19.3/20.6
Dimensions (W x D x H) (mm)	100X 240 X 142	100 X 280 X 142		136 X 328 X 186			157X 452 X 211
Packaged dimensions (W x D x H) (mm)	139 X 282 X 210	139x325x210		185 X 374 X 269			238X 536 X 295
Quantity/ 20 ft							658 pcs

AROS LN Pro

400 VA ~ 1500 VA



Features:

- ◆ Line-interactive UPS with microprocessor-based digital control
- ◆ Boost & Buck AVR for automatic voltage stabilization
- ◆ LED/LCD display
- ◆ Wide input-voltage range
- ◆ Auto-sensing 50/60 Hz frequency
- ◆ Cold-start and automatic restart functions
- ◆ Intelligent battery management with temperature compensation
- ◆ Three-stage battery charging to extend battery life
- ◆ Comprehensive protection against short circuit, overload, overcharge/overdischarge, and surge
- ◆ Optional USB and RJ45 communication
- ◆ Automatic PC shutdown through USB communication

Applications:

- ◆ Desktop computers & workstations
- ◆ Home and small-office equipment
- ◆ POS systems
- ◆ Network and telecommunications equipment
- ◆ Security & surveillance systems
- ◆ Printers and office peripherals
- ◆ Small IT and electronic equipment
- ◆ Sensitive equipment requiring backup power and voltage stabilization

Specifications:

Model		LN400P	LN600P	LN80P	LN1200P	LN1500P
Capacity		400 VA 240W	600VA 360W	800 VA 480W	1200 VA 720W	1500 VA 900W
INPUT						
Voltage		100 / 110 / 120 V: 80- 150 Vac; 220 / 230 / 240 V: 162 - 295 Vac (145- 295 Vac optional)				
Frequency		50 / 60 Hz± 10% (auto-sensing)				
OUTPUT						
Voltage		100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%				
Frequency		50 I 60 Hz± 1% (auto-sensing)				
Waveform		Mains mode : pure sine wave ; Battery mode: simulated sine wave				
Transfer time		Typical 2 - 7 ms, 1Oms max.				
BATTERIES						
DC voltage		12 V			24 V	
Configuration		12V / 4.5Ahx1	12V/7.0Ahx1	12V/8.0Ahx1	12 V / 7.0 Ahx2	12 V / 8.0 Ahx2
Recharge time		6-8h				
COMUNICATIONS						
USB (optional)		Supports Windows® gs / 2000 / 2003 / XP /Vista/ 2008 / Windows 7 / 8 / 10				
OTHERS						
Protections		Short circuit , battery overcharge .overdischarge .overload , surge				
Humidity		20 - 90% RH@ 0- 40°((non-condensing)				
Noise level		S:45dB(1 m)				
Plasticcase	Net/ Gross weight (kg)	3.8 / 4.2	4.2 / 4.6	5.0 / 5.4	9.4 / 9.9	9.8 / 10.3
	Dimensions (W x D x H) (mm)	90x305x165			115x320x220	
	Packaged dimen- sions (Wx D x H) (mm)	133x349x232			161x369x290	
	Quantity/ 20 ft	2300 pcs			1400 pcs	

AROS LN Pro+

600 VA



Features:

- ◆ Microprocessor-based digital control
- ◆ Boost & Buck AVR for voltage stabilization
- ◆ LED display for operating and battery status
- ◆ Auto-sensing 50/60 Hz frequency
- ◆ Wide input-voltage range
- ◆ Power-on self-test and cold-start capability
- ◆ Automatic restart when mains power is restored
- ◆ Intelligent battery management with temperature compensation
- ◆ Three-stage battery charging to help extend battery life
- ◆ Protection against short circuit, battery overcharge/over-discharge, overload and surge
- ◆ Automatic charging in OFF mode

Applications:

- ◆ Desktop computers and workstations
- ◆ Home-office and small-office equipment
- ◆ POS systems
- ◆ Networking and communication equipment
- ◆ Printers and office peripherals
- ◆ Security and electronic equipment
- ◆ Other sensitive devices requiring backup power and voltage stabilization

Specifications:

Capacity	600VA / 360W
INPUT	
Voltage range	100 / 110 / 120 Vac: 80 - 150 Vac ; 220 / 230 / 240 Vac: 162 - 295 Vac or 145 - 295 Vac
Frequency range	50 / 60 Hz (auto-sensing)
OUTPUT	
Output voltage (battery mode)	100 / 110 / 120 Vac $\pm$ 10% or 220 / 230 / 240 Vac $\pm$ 10%
Output frequency (battery mode)	60 Hz / 50 Hz $\pm$ 1% (auto-sensing)
Waveform	Mains mode: pure sine wave; Battery mode : simulated sine wave
Switching time	2-8 ms (typical), 12 ms (max.)
BATTERIES	
DC voltage	12 V
Configuration	12V/7.0Ahx1
Recharge time	6-8h
INDICATORS	
LED display	AC mode , battery mode, battery charge state
PROTECTION	
Full protection	Short circuit , battery overcharge , over discharge, overload , surge protections
OPERATING ENVIRONMENT	
Operating temperature	0 - 40°C
Relative humidity	5-90%
PHYSICAL	
Dimensions (W x D x H) (mm)	175x255x93
Packaged dimensions(W x D x H) (mm)	224x332x130
Net/Gross weight (kg)	4.2 / 4.5

AROS LN PLUS RT

600 VA ~ 2000 VA



Features:

- ◆ Rack-mount design for IT environments
- ◆ Microprocessor-based digital control
- ◆ Boost & Buck AVR for voltage stabilization
- ◆ Selectable LED/LCD display
- ◆ Wide input-voltage range
- ◆ Automatic 50/60 Hz frequency sensing
- ◆ Power-on self-test and cold-start capability
- ◆ Automatic restart when mains power is restored
- ◆ Intelligent battery management with temperature compensation
- ◆ Three-stage battery charging to extend battery life
- ◆ Protection against short circuit, overcharge/over-discharge, overload and surge

Applications:

- ◆ Rack-mounted servers
- ◆ Network switches and networking equipment
- ◆ Data and communication equipment
- ◆ Small server rooms
- ◆ Telecom equipment
- ◆ Security and surveillance systems
- ◆ IT infrastructure and other critical electronic equipment

Specifications:

MODEL		LN600R	LN800R	LN1200R	LN1500R	LN2000R
Capacity		600VA 360W	800 VA 480W	1200 VA 720W	1500 VA 900W	2000 VA 1200W
INPUT						
Voltage		100 / 110 / 120 V: 80- 150 Vac; 220 / 230 / 240 V: 162 - 295 Vac (145- 295 Vac optional)				
Frequency		50 / 60 Hz± 10% (auto-sensing)				
OUTPUT						
Voltage		100 / 110 / 120 Vac±10% or 220 / 230 / 240 Vac±10%				
Frequency		50 / 60 Hz±1% (auto-sensing)				
Waveform		Mains mode: pure sine wave; Battery mode: simulated sine wave				
Transfer time		Typical 2 - 7 ms, 10 ms max.				
BATTERIES						
DC voltage		12 V		24 V		
Configuration		12 V / 7.0Ahx1	12 V / 8.0 Ahx1	12 V / 7.0 Ahx2	12 V / 8.0 Ahx2	12 V / 9.0 Ahx2
Recharge time		6-8h				
OTHERS						
Protections		Short circuit , battery overcharge, over discharge, overload , surge				
Communications		USB / RS232 / SNMP (optional)				
Humidity		20 - 90% RH@ 0 - 40°((non-condensing)				
Noise level		545dB(1 m)				
Rack mount	Net / Gross weight (kg)	7.0/7.5	8.2 / 8.7	11.6 / 12.1	13.3 / 13.8	14.9 / 15.4
	Dimensions (W x D x H) (mm)	308 X 438 X 88		308 X 438 X 132		
	Packaged dimensions (Wx Ox H)(mm)	395 X 525 X 185		395 X 525 X 225		

AROS LN PLUS

500 VA ~ 3000 VA



Features:

- ◆ Pure sine-wave output
- ◆ DSP digital control
- ◆ Boost & Buck AVR for voltage stabilization
- ◆ Automatic 50/60 Hz frequency sensing
- ◆ Adjustable charging current and battery shutdown point
- ◆ Selectable ECO / energy-saving mode
- ◆ Adjustable no-load shutdown
- ◆ Cold-start capability
- ◆ Automatic restart when mains power is restored
- ◆ Intelligent battery management
- ◆ Short-circuit and overvoltage protection
- ◆ Automatic charging in OFF mode

Applications:

- ◆ Servers and server rooms
- ◆ Network and communication equipment
- ◆ Data centers and IT infrastructure
- ◆ Telecom equipment
- ◆ Industrial and control systems
- ◆ Security and surveillance systems
- ◆ Workstations and critical computers
- ◆ Equipment requiring pure sine-wave power and extended backup time

Specifications:

MODEL	LN600S	LN1000S	LN1500S	LN2000S	LN3000S
Capacity	500 VA / 300 W	1000 VA / 800 W	1500 VA / 1200 W	2000 VA / 1600 W	3000 VA / 2400W
DC INPUT					
Rated voltage	12 V	24 V		36 V (S) 48 V (H)	48 V
DC input range (default)	10 ~ 15 V	20~30 V		30 ~ 45 V (S) 40 ~ 60 V (H)	40~60 V
AC INPUT					
AC input range (bypass mode)	0 ~ 242 / 264 / 276 / 288 Vac for 200 / 220 / 230 / 240 Vac ± 10 Vac				
AC input range (mains mode)	200 V: 145 ~ 260 Vac; 220 V: 165 ~ 280 Vac 230 V: 175 ~ 290 Vac; 240 V: 185 ~ 300 Vac				
Frequency input range	50 / 60 Hz (auto-sensing), 50 / 60 Hz ± 5% ~ 15%				
Generator connection	Available (generator input power is settable)				
OUTPUT					
Inverter output range	200 / 220 / 230 / 240 Vac ± 5% (settable)				
AC output range (bypass mode)	0 ~ 242 / 264 / 276 / 288 Vac for 200 / 220 / 230 V / 240 Vac ± 10 Vac				
AC output range (mains mode)	200 V: 166 ~ 226 Vac; 220 V: 188 ~ 245 Vac, 230 V: 199 ~ 254 Vac; 240 V: 210 ~ 264 Vac				
Output frequency	50 / 60 Hz ± 0.3 Hz (settable)				
Waveform	Pure sine wave				
Inverter efficiency	Max. 75%	Max. 80%		Max. 80%	
Energy saving mode	Settable (< 3% load), enter in 80 s				
No-load shutdown	Settable (< 3% load), shut down in 80 s				
Transfer time	≤ 10 ms				
THDV (resistive load)	≤ 5%				
Protections	Overload, short circuit (inverter), battery low voltage, battery over charge, overtemperature				
Overload (mains mode)	110% for 120 s, 125% for 60s, 150% for 10s (transfer to bypass mode)				
Overload (inverter mode)	110% for 60 s, 125% for 10 s, 150% for 5 s (shut down directly)				
Mute	Automatic mute in 60 s or by manual				
BATTERIES					
Inbuilt battery (standard model)		12 V / 7 Ah x 2	12 V / 9 Ah x 2	12 V / 9 Ah x 3	12 V / 9 Ah x 4
Charging current	Standard model (S): 1 A (default)				
	Long time model (H): 10 A (default); < 10 A, set step 1 A; ≥ 10 A, set step 5 A				
	Max. 10 A (H)	Max. 15 A (H)		Max. 20 A (H)	Max. 25 A (H)
OTHERS					
Communications	USB & RJ45 (standard), dry contacts / SNMP (optional)				
Operating temperature	5°C ~ 40°C				
Operating humidity	Relative humidity ≤ 93%				
Noise level	≤ 50 dB (1 m)				

AROS LN PLUS Pro

1000 VA ~ 2000 VA



Features:

- ◆ Pure sine-wave output
- ◆ Microprocessor-based digital control
- ◆ Wide input-voltage range
- ◆ Boost & Buck AVR for voltage stabilization
- ◆ Automatic frequency sensing
- ◆ RGB lighting with button-controlled switching
- ◆ Built-in mute control button
- ◆ Two USB charging ports for mobile devices
- ◆ Humanized alarm system
- ◆ Power-on self-test
- ◆ Cold-start capability
- ◆ Automatic restart after mains power restoration

Applications:

- ◆ Desktop computers and workstations
- ◆ Professional office equipment
- ◆ Networking and communication equipment
- ◆ Small servers and IT equipment
- ◆ POS and electronic systems
- ◆ Security and surveillance equipment
- ◆ Home-office and business applications
- ◆ Sensitive electronic equipment requiring pure sine-wave backup power and voltage stabilization

Specifications:

Model	LN1000A	LN1500A	LN2000A
Rated power	1000VA 600W	1500VA 900W	2000VA 1200W
INPUT			
Rated input voltage	100/110/120Vac or 220/230/240Vac		
Input voltage range	100/110/120Vac: 80~150Vac; 220/230/240Vac: 160~290Vac		
Frequency range	50Hz/60Hz(auto-sensing), 45~55Hz for 50Hz, 55~65Hz for 60Hz		
OUTPUT			
Output voltage(battery mode)	100/110/120Vac±10% or 220/230/240Vac±10%		
Output frequency(battery mode)	50Hz/60Hz±0.3Hz(auto-sensing)		
Waveform	pure sine wave		
Switching time	6ms(typical), 10ms(max.)		
BATTERIES			
DC voltage	24V		
Model & numbers	12V/7Ah×2	12V/9AHx2	
Recharge time	6~8 h recharging to 90% capacity		
Charging current	1A(max.)		
OTHERS			
Operating temperature	0~40℃		
Relative humidity	5~90%		
Dimensions(W×H×D)(mm)	99×280×420		
Packaged dimensions(W×H×D)(mm)	180x378x515		
Net weight(kg)	8.5	11.0	11.5
Gross weight(kg)	9.5	12.0	12.5