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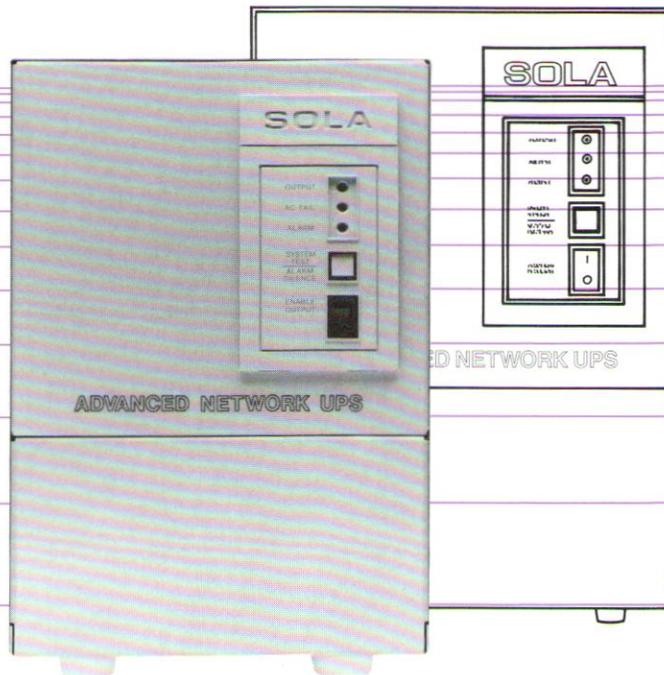
NEW

# ADVANCED NETWORK UPS™ UNINTERRUPTIBLE POWER SYSTEM

Sola's Advanced Network UPS is the intelligent UPS that economically protects your network's file server and data from brownouts, blackouts, noise and surges. This UPS includes the exclusive UPS Communicator™ Interface that links the UPS to the LAN with full UPS control capability and messages are displayed in English from any LAN terminal. Unnecessary battery depletion caused by extended brownouts is eliminated by Sola's new Battery Save feature. The Advanced Network UPS is easy to use. Just plug your critical load into the UPS for immediate results.

## 2 Year Warranty. Free!

Purchase any Sola Advanced Network UPS and receive one year standard warranty. Complete and return the extended warranty form supplied with the unit for your **additional free 1 year extended warranty**. A \$40.00 value!



NOVELL®

LANtastic™

3Com®

BANYAN®  
Microsoft®

B E N E F I T S

- The Advanced Network UPS economically maintains data integrity and protects file servers, workstations, telecom, minicomputers, UNIX CPUs and other sensitive equipment from brownouts, blackouts, noise and surges.
- The Advanced Network UPS supports your load current without oversizing the UPS. You only have to know your load size in amps to determine the right UPS size for your system.
- The exclusive Battery Save feature eliminates unnecessary battery depletion during brownouts and conserves battery power for when it is really needed: during outages.
- Sophisticated power management design extends battery life by charging batteries quicker and more efficiently.
- Test switch verifies unit readiness.
- Satisfaction guaranteed. 90-day risk-free offer.
- Easy to read display is conveniently accessed on any monitor and alerts you to all UPS functions including low battery, percent load and overload conditions.
- The Advanced Network UPS monitors battery condition and alerts you when the battery is marginal and should be replaced.
- Sola's UPS Communicator Interface provides intelligent UPS to LAN communications as well as full UPS control with English messages displayed from any LAN terminal.
- Sola's Advanced Network UPS and PowerSleuth™ 2.0 is the Windows™-smart combination that provides complete power monitoring.
- UPS power monitoring or automatic shutdown capabilities for DOS, UNIX, and Windows is possible with Sola software and connectivity packages.
- One year warranty.

# S P E C I F I C A T I O N S

## INPUT

Voltage: 120 VAC + 12.5% to - 15%.  
 Frequency: 60 Hz.  
 Protection: Line fuse.

## OUTPUT

Amps (Watts or VA): 7.5 A (900), 10.8 A (1300) or 15 A (1800).  
 Voltage: 120 VAC.  
 Waveform: Sinewave.  
 Frequency: 60 Hz +/- 0.1 Hz (while operating on battery power).  
 Voltage Regulation: +/- 3% (while operating on battery power).  
 Overload: +7% to - 10% (with AC present).  
 Transfer Time: Short-circuit protected. Instantaneous—unseen by equipment matching CBEMA (Computer and Business Equipment Manufacturer's Association) requirements.  
 Noise Suppression: 60 dB (for all line conditions).  
 Surge Protection: IEEE 587 Class A voltage surges of 6,000 volts are safely attenuated (for all line conditions).  
 Harmonic Distortion: Less than 3% THD of the fundamental sinewave (while operating on battery power).

## BATTERY

Type: Maintenance-free lead-acid battery.  
 Reserve Time: 7 minutes typical with batteries fully charged at full load and 0.7 power factor.  
 Battery Recharge Time: 16 hours.

## CONTROLS AND STATUS INDICATORS

Controls: On/Off, Load Test and Alarm Silence switches.  
 Status Indicators: Green "Output" LED, red "AC Fail" LED and red "Alarm" LED. "Alarm" LED also flashes different patterns to indicate "Battery Not Properly Charged," "No Phase Lock" and "Inverter Overload."

## INTERFACE AND DISPLAY

Sola's UPS Communicator Interface is "upward compatible". It wakes up as a network interface compatible with Novell, Banyan, 3Com, Microsoft, LANtastic and NetBios networks.

When queried by an ASCII signal the network interface converts to an RS-232 interface. Through the use of exclusive Sola software, the UPS front panel is displayed from any LAN terminal. All controls are fully functional and meters indicate percent load, battery time, input voltage and output voltage. The following alarms are communicated in English:

Line Fail, AC Restored, Low Battery, System Fail, Inverter Fail, Charger Fault, Overload Shutdown, High Temperature Shutdown, Overload, High Temperature and Replace Battery. You may also query the UPS concerning: Battery Voltage, UPS Temperature, UPS Operating Frequency, AC Input Voltage, Load Power, Shutdown UPS, Simulate AC Power Fail and Turn Off UPS (while operating on battery power).

## ENVIRONMENTAL

Operating Temp: 0 to 40 degrees C.  
 Storage Temp: - 15 to + 50 degrees C.  
 Humidity: 0 to 95% non-condensing.  
 Altitude: 0 to 8,200 feet maximum.  
 Cooling: Fan cooled (while operating on battery power).

## CONFORMANCE

Listed to UL 1778. Meets FCC and Canadian DOC Class "A." Other agency approvals pending.

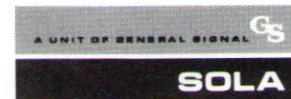
## MECHANICAL

Dimensions (H x W x D): 12" x 8.5" x 14.5"  
 Color: Computer White.

VA	Model Number	Input	Hz	Output	Plug	Receptacle	Shipping Weight (lbs)
900	AN 900	120	60	120	5-15P	5-15R (qty 4)	62
1300	AN 1300	120	60	120	5-15P	5-15R (qty 4)	89
1800	AN 1800	120	60	120	5-20P	5-15R (qty 4)	130

Specifications are subject to change without notice.

Headquarters: 1717 Busse Rd., Elk Grove Village, IL 60007 708/439-2800 800/BUY-SOLA  
 In Canada: 416/252-6465 In UK: 234/327941 In Australia: 3/706-5022 In Italy: 575/560621



NEW

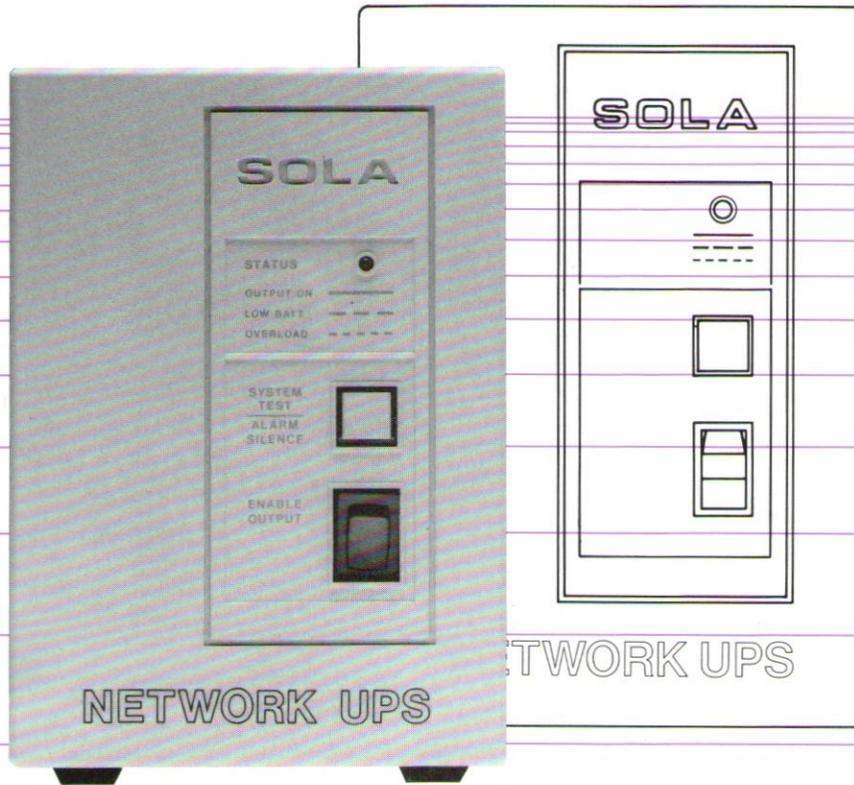
# NETWORK UPS™

The ultimate protection for stand-alone PCS, LANS and WANS.

The Sola Network UPS is an economical, uninterruptible power system designed to protect your critical system from noise, surges, brownouts and blackouts. Under normal operating conditions the Sola Network UPS provides excellent noise and surge protection. When the line voltage falls below 102 VAC or rises above 132 VAC, the inverter instantly switches on, allowing your system to continue operation with clean, regulated AC power. The internal batteries provide enough reserve to extend your operating time to last through all momentary disturbances; or—if you prefer—to perform an orderly shutdown during extended power failures. Sola Network UPS is lightweight, compact, and easy to use. Just plug your system in and let the Sola Network UPS do the rest.

## 2 Year Warranty. Free!

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Microsoft®

## B E N E F I T S

- 900 to 1800 VA output is sinusoidal to handle multiple loads at higher power levels.
- Microprocessor design provides increased reliability and performance because of reduced parts count.
- Front panel LED indicates low battery and overload conditions.
- Your system's files and data are protected from power line disturbances and outages.
- Your system is alerted to power line changes through the network interface compatible with Novell, Banyan, 3Com, Microsoft, LANtastic and NetBios.
- All models are UL Listed and CSA Certified.
- Accessory software pkgs. for UPS power monitoring or automatic shutdown capabilities for DOS, UNIX or Windows.
- 250 to 600 VA models are designed specifically to power switch mode power supplies used in computer and microprocessor equipment.
- Sophisticated power management design extends battery life by charging the batteries quicker and more efficiently (900 to 1800 VA models).
- Sola's Network UPS and PowerSleuth™ 2.0 is the Windows™-smart combination that provides complete power monitoring.
- One year warranty.
- Satisfaction guaranteed. 90-day risk-free offer.

# S P E C I F I C A T I O N S

## INPUT

Voltage: 120 VAC +10% to -15%.  
 Frequency: 60 Hz.  
 Protection: Line fuse.

## OUTPUT

VA (Output Amp at 120 VAC): 250 (2.08A), 450 (3.75A), 600 (5A), 900 (7.5A), 1300 (10.8A), 1800 (15A).  
 Voltage: 120 VAC.  
 Waveform: 250 to 600 VA: modified sinewave.  
 900 to 1800 VA: sinewave.  
 Frequency: 60 Hz. +/- 0.1 Hz.  
 Voltage Regulation: +/- 5%.  
 Overload: Short Circuit protected.  
 Transfer Time: Instantaneous—unseen by equipment matching CBEMA<sup>1</sup> requirements.  
 Noise Rejection: 60dB.  
 Surge: IEEE 587 Class A voltage surges of 6,000 volts are safely attenuated.  
 Harmonic Distortion: Less than 3% THD of fundamental sinewave.

## BATTERY

Type: Maintenance-free lead-acid battery.  
 Reserve Time: 5 minutes typical at full load and fully charge battery. (8 minutes, 900 to 1800 VA).  
 Battery Recharge Time: 250 VA—6-12 hrs.  
 450 VA—6-12 hrs.  
 600 VA—8-18 hrs.  
 900 VA—16 hrs.  
 1300 VA—16 hrs.  
 1800 VA—16 hrs.

## ENVIRONMENTAL

Operating Temp: 0 to 40 degrees C.  
 Storage Temp: -20 to +40 degrees C.  
 Humidity: 0 to 95% Non-condensing.  
 Altitude: 8,000 feet (10,000 ft. for 900 to 1800 VA).  
 Cooling: Convection cooled (250-600 VA).  
 Fan cooled (while operating on battery power).

## STATUS INDICATORS

Visual: 250 to 600 VA  
 Green LED indicates power on. LED flashes with different patterns to indicate low battery and overloads.  
 900 to 1800 VA  
 Green "output" LED, red "AC Fail" LED and red "Alarm" LED. "Alarm" LED also flashes different patterns to indicate "Battery Not Properly Charged", "No Phase Lock" and "Inverter Overload."  
 Audible: 250 to 600 VA  
 Alarm sounds once every ten seconds when power is supplied by the inverter. When there is less than two minutes remaining, the alarm sounds 3 times every 10 seconds. Alarm also sounds if battery is not charged properly.  
 900 to 1800 VA  
 Alarm coincides with LED indicators. The audible alarm also indicates when the inverter supplies power to your system and when there is less than 2 minutes of battery life remaining.

## CONFORMANCE

UL Listed to UL 1778. CSA Certified to CSA C22.22-107. Meets FCC emissions requirements in Docket 20780, Part 15, sub-part J. Class A.

## NETWORK INTERFACE

450 to 1800 VA: Compatible with Novell®, Banyan®, 3Com®, Microsoft®, LANtastic™ and NetBios.

## MECHANICAL

Dimensions (H x W x D): 6.6" x 4.7" x 14.2" (250 to 600 VA).  
 12" x 8.5" x 14.5" (900 to 1300 VA).  
 13" x 8" x 21.5" (1800 VA).  
 Color: Computer White.

<sup>1</sup>Computer and Business Equipment Manufacturers Association

VA	Model Number	Input	Hz	Output	Plug	Receptacle	Shipping Weight (lbs)
250	N250	120	60	120	5-15P	5-15R (qty 4)	23
450	N450	120	60	120	5-15P	5-15R (qty 4)	29
600	N600	120	60	120	5-15P	5-15R (qty 4)	31
900	N900	120	60	120	5-15P	5-15R (qty 4)	62
1300	N1300	120	60	120	5-15P	5-15R (qty 4)	89
1800*	N1800	120	60	120	5-20P	5-15R (qty 4)	130

\*Back panel includes 6 foot line cord with 5-20P plug and four 5-15R output receptacles.

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