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UNISON®

6KVA & 10KVA ON-LINE UPS SYSTEMS



PRECISE PROTECTION

- *Continually Generates Pure Sine Wave Output With Zero Transfer Time*

Filters and resynthesizes incoming power to provide ultra-sensitive equipment with a pure sine wave.

- *Filters All Utility Power Irregularities*

Provides ultra-tight regulation of incoming AC, including impulse and harmonic distortion correction.

- *Protects Against Lightning and Surges . . . Guaranteed*

Stops damaging surges and filters disruptive EMI/RFI line noise. Ultimate Lifetime Insurance covers connected equipment against surge damage, including direct lightning strikes...for life!



On-Line Performance Plus Precise Voltage Correction

Unison UPS Systems provide the industry's most advanced true on-line performance with strict levels of voltage and harmonic regulation. Unison's pure sine wave output is the most precise and reliable AC output available. Superior power conditioning keeps output voltage tightly regulated to +/- 3% while correcting both harmonic distortion and switching transients generated by utilities or even your own facility.

Dual converter technology constantly converts incoming AC power to filtered DC power, then resynthesizes it back to distortion-free, frequency-controlled AC power. Connected equipment remains isolated from power problems at all times. In the event of a blackout, Unison provides battery backup with zero transfer time.

Flexible Output Options

Unison UPS feature user-selectable hardwire 120/208/240 AC output. An optional Power Accessory Module provides most popular outlet configurations, including 20- and 30-amp twist-lock outlets. A special order custom module lets users determine their own outlet requirements, allowing protection for every type of system.

APPLICATIONS

- Datacenter
- Server Farms
- Midrange Systems
- ISP
- Telecommunications
- Industrial

Economy Mode Operation

Unison 6kVA and 10kVA UPS Systems have the unique ability to offer full time, on-line operation or to enter an energy-saving mode. This economy mode relies on its exhaustive power conditioning capabilities only as utility power fluctuations make necessary. At all other times, the UPS delivers filtered, computer-grade output while dramatically lowering utility costs by way of decreased power consumption.

Start-Up and On-Site Service Plans

Several comprehensive start-up and on-site service plans are available to ensure years of trouble-free operation. Tripp Lite's dedicated Application Specialists are available to field installation, sizing, support and competitor cross reference inquiries. Call (773) 869-1236 for details.

FEATURE FOCUS

Expanded Connectivity

A RS-232 Interface

An intelligent RS-232 communications port allows total network UPS management. Use with included PowerAlert® Software to provide a single graphical-interface of UPS systems network-wide without having to purchase an expensive Network Management System (NMS). PowerAlert uses this port to send detailed signals that perform automatic file saving and unattended system shutdown in the event of a blackout.

B AS-400 Interface

Users of IBM AS-400 computer systems may take advantage of this built-in port allowing AS-400 power management communications.

C Dry Contact Interface

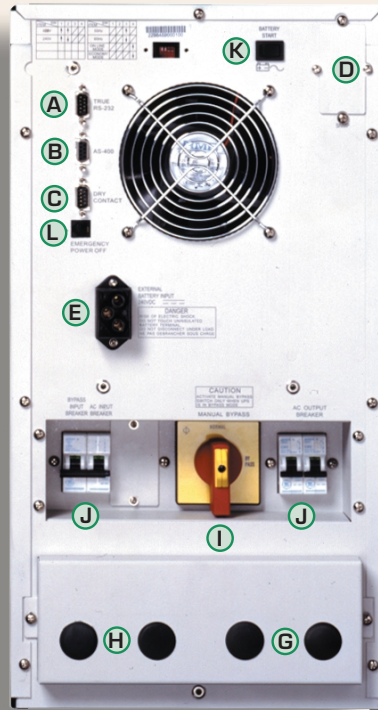
For multiple server support, an additional server can be connected to this port. Use with PowerAlert Software to automatically save open files and shut down equipment during a blackout.

D SNMP Compatibility

This accessory slot accepts an optional SNMP/Web card, allowing remote SNMP and web-based management of network UPS systems as well as remote reporting of operational and environmental conditions.

E External Battery Connector

Connect optional Tripp Lite SUBP Battery Packs for additional runtime.



Efficient Functionality

F Digital LCD Panel

This panel reports all pertinent operating conditions, including operational mode, load percentage, input voltage/Hz, output voltage/Hz, battery charge, over-load percentage and more in easy to read text.

G 208V/240V AC Input

AC terminals are easily configured to receive either 208 volt or 240 volt hardwire input. A removable faceplate increases safety and is pre-drilled for conduit and wire access.

H 120V/208V/240V AC Output

AC terminals allow hardwire output of 120 volts and simultaneous, 208/240 volt output.

I Manual Bypass Switch

Permits connected equipment to receive filtered AC power without interruption during hot-swap battery replacement or UPS maintenance.

J AC Input/Output Breakers

Double-pole circuit breaker prevents both input and output short circuits.

K Battery Start Switch

Unit can be cold-started from batteries when AC utility power is unavailable.

L Emergency Power Off

RJ11 modular jack allows remote emergency shutdown.

Fast-Charge Battery Packs

Extend the runtime of your Unison UPS by adding Tripp Lite's SUBP Battery Packs. SUBP external modules are hot-swappable and include complete cabling to attach to Unison 6kVA and 10kVA UPS Systems. Each battery pack contains its own full-size battery charger allowing your entire system to recharge in 4 hours, no matter how many batteries are added. Because integrated battery chargers make protection available rapidly, Unison UPS offer the highest availability in repeat blackout situations. For mission-critical systems, runtimes can be increased to several hours at an affordable price.

Extended Runtime Matrix (runtimes in minutes)

SU6K	R U N T I M E	Included Batteries	Additional SUBP Battery Packs									
			1	2	3	4	5	6	7	8	9	10
6kVA/Full Load		10	42	80	119	164	200	246	291	328	380	420
5kVA		12	53	98	147	202	246	302	358	404	461	509
4kVA		16	69	129	192	262	320	391	455	513	576	636
3kVA/Half Load		25	98	184	272	360	439	523	606	697	766	846
2kVA		44	165	293	425	541	660	788	909	1026	1146	1266
1kVA		107	380	674	935	1190	1452	1654	1909	2103	2406	2595
SU10K	R U N T I M E	Included Batteries	Additional SUBP Battery Packs									
			1	2	3	4	5	6	7	8	9	10
10kVA/Full Load		12	30	52	71	98	123	152	174	202	224	246
9kVA		14	35	59	84	110	141	169	194	229	255	280
8kVA		16	41	67	97	129	165	197	226	262	291	320
7kVA		19	48	80	116	153	194	226	258	306	339	373
6kVA		25	59	98	136	184	229	271	310	360	400	440
5kVA/Half Load		31	73	122	168	226	282	333	381	437	485	533
4kVA		44	99	159	220	294	365	423	484	546	606	665
3kVA		62	140	225	310	404	488	564	646	726	806	886
2kVA		100	226	360	484	614	735	846	969	1087	1206	1325
1kVA		235	520	792	1064	1350	1544	1777	2035	2283	2472	2716

Model	Output (VA/Watts)	Output Frequency	Input Voltage	Output Voltage	Voltage Regulation	Communications Ports	Dimensions (in.)	Shipping Weight (lb.)	
SU6K	6,000/4,200	50/60 Hz	208 or 240	120/208/240	+/-3%	2 DB9/1 AS-400	29½ x 17¼ x 31	350	
SU10K	10,000/7,000	50/60 Hz	208 or 240	120/208/240	+/-3%	2 DB9/1 AS-400	29½ x 35 x 31	610 ²	
SUBP	Optional external battery pack with integrated charger							29½ x 17¼ x 31	325
PAM 1	Power Accessory Module offering NEMA L14-30, L5-20, 5-15/20R, 6-15/20, L6-20, L5-30 and L6-30 outlets								
SU30ACORD	6 ft. input cord with L6-30P plug for use with SU6K								

¹One intelligent and one dry-contact closure DB9 port.

²Total weight (610 lbs.) includes UPS cabinet (290 lbs.) plus battery cabinet (320 lbs.)

