Liebert® PSA itON

Reliable Power Protection for Desktop Workstations

VERTIV™

Features

- Equipment with boost and buck AVR to stabilize the input voltage

- Microprocessor control guarantees high reliability

- Provides AC overload protection

- Auto restart with AC recover

- Compact size, lightweight

- Fast charging

- Off mode charging

- Cold start function

- Overload protection and alarm

- USB communication port for monitoring and shutdown software (UX models only)

- 4x IEC outlets for PSA600-BX, PSA600-UX, PSA850-BX, PSA850-UX, PSA1000-BX, and PSA1000-UX

- 6x NEMA/EU sockets for PSA1000H-BX

Key Advantages

- AVR features gives higher application availability by correcting high and low voltage without using valuable battery power

- Shutdown software provides graceful and unattended system shutdown for PC and workstations in the event of an extended power outages to ensure data integrity

Liebert® PSA itON 600–1000VA

The Liebert® PSA itON is a feature-rich reliable line-interactive UPS designed for desktop computer workstations and stand-alone IT equipment. It has an automatic voltage regulator (AVR) that allows flexibility and reliability for PCs and other sensitive electronic equipment. Designed with simple controls for easy operation, the Liebert® PSA itON provides more than enough time to save work in process before shutting down the system.

Ideally Suited for

- Desktop PCs

- Professional workstations

- Small routers, bridges, and hubs

- Point-of-sale terminals

- Other sensitive electronics

Runtime Chart	600VA	850VA	1000VA
120W	10 mins	15 mins	30 mins
150W	6 mins	10 mins	20 mins
240W	2 mins	3 mins	8 mins
300W	–	2 min	6 mins
360W	–	<1min	3 mins 15 sec
480W	–	–	1 min 20 sec

Technical Specifications

Model Number	PSA600-UX/PSA600-BX	PSA600H-UX/PSA600H-BX
Capacity (VA/W)	600/360	
Net Weight, kg. (lb.)	4.25 (9.37)	
Dimensions – W x D x H, mm. (in.)	101 × 279 × 142 (3.97 × 10.98 × 5.6)	
On-Line Input Voltage	162-290VAC, single phase	
On-Line Frequency	50/60Hz (auto sensing)	
Online Frequency Range (50Hz/60Hz)	45 - 55Hz ±1Hz / 55 - 65Hz ±1Hz	
Output Voltage (Utility Power Normal)	220VAC/ 230VAC/ 240VAC, single phase	
Output Voltage (Battery Operation)	+ / -10%	
On-Battery Wave Form	Stepped sinewave	
Output Frequency Battery Mode	50Hz (60Hz) ±1Hz	
Battery Type – VDC x Ah x Quantity	12V x 7 Ah x 1	
Typical Recharge Time	4 hours to 90%	
Operating Temperature, °C (°F)	0 to 40 (32 to 104)	
Storage Temperature, °C (°F)	-20 to 50 (-4 to 122)	
Operating /Storage Relative Humidity	0 – 90%, non-condensing	
Outlet type and numbers	IEC C13 x 4	NEMA/EU x 4

Model Number	PSA850-UX and PSA850-BX
Capacity (VA/W)	850/480
Net Weight, kg. (lb.)	4.9 (10.8)
Dimensions – W x D x H, mm. (in.)	101 × 279 × 142 (3.97 × 10.98 × 5.6)
On-Line Input Voltage	162-290VAC, single phase
On-Line Frequency	50/60Hz (auto sensing)
Online Frequency Range (50Hz/60Hz)	45 - 55Hz ±1Hz / 55 - 65Hz ±1Hz
Output Voltage (Utility Power Normal)	220VAC/ 230VAC/ 240VAC, single phase
Output Voltage (Battery Operation)	+ / -10%
On-Battery Wave Form	Stepped sinewave
Output Frequency Battery Mode	50Hz (60Hz) ±1Hz
Battery Type – VDC x Ah x Quantity	12V x 9 Ah x 1
Typical Recharge Time	4 hours to 90%
Operating Temperature, °C (°F)	0 to 40 (32 to 104)
Storage Temperature, °C (°F)	-20 to 50 (-4 to 122)
Operating /Storage Relative Humidity	0 – 90%, non-condensing

Model Number	PSA1000-BX/PSA1000-UX	PSA1000H-BX
Capacity (VA/W)	1000/600	
Net Weight, kg. (lb.)	8.0 (17.63)	
Dimensions – W x D x H, mm. (in.)	146 × 350 × 160 (5.75 × 13.8 × 6.3)	
On-Line Input Voltage	162-290VAC, single phase	
On-Line Frequency	50/60Hz (auto sensing)	
Online Frequency Range (50Hz/60Hz)	45 - 55Hz ±1Hz / 55 - 65Hz ±1Hz	
Output Voltage (Utility Power Normal)	220VAC/ 230VAC/ 240VAC, single phase	
Output Voltage (Battery Operation)	+ / -10%	
On-Battery Wave Form	Stepped sinewave	
Output Frequency Battery Mode	50Hz (60Hz) ±1Hz	
Battery Type – VDC x Ah x Quantity	12V x 7 Ah x 2	
Typical Recharge Time	4-6 hours to 90%	
Operating Temperature, °C (°F)	0 to 40 (32 to 104)	
Storage Temperature, °C (°F)	-20 to 50 (-4 to 122)	
Operating /Storage Relative Humidity	0 – 90%, non-condensing	
Outlet type and numbers	IEC C13 x 4	NEMA/EU x 6

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