

UNINTERRUPTIBLE POWER SUPPLY

True On-Line Double Conversion UPS - DS1000B-DS3000B



NON STOP POWER & PERFORMANCE

The OPTI DS-B range of UPS units provide the ultimate performance of the OPTI family. With a robust battery, they are designed to withstand the high end usage typically required by Data centers.

With its built-in LCD panel which provide indepth system feedback, the OPTI DS-B UPS range assures to your business no downtime, supplying continuous power from its battery to your equipment, and ensuring your system is always running smoothly.

Features

- True on-line protection
- Zero transfer time
- Independent Outlet Control
- Powerful LCD status display
- Hot swappable battery
- EPO port ready
- Smart fan speed control
- Extended battery pack (optional)
- User replaceable battery
- SNMP card slot available
- RS232 and USB interface

Suggested Applications

Power-sensitive applications, electronic measurement devices, corporate and departmental servers, UNIX servers / workstations, CAD / CAM / CAE workstations, network workstations, hubs / routers / bridges, and other mission critical equipments.

Free OPTI-SAFE Xtreme

Free power management software -- OPTI-SAFE Xtreme is also included. It is an internet working-level management software, enabling IT administrators to provide safe system shutdown and UPS management. With its browser base-design, you can remotely control multiple UPSs and devices simply through web browser. It works on multiple languages and operating systems

- Windows Series: 95/98/ME/NT/2000/XP/Server 2003
- IBM OS/2
- IBM AIX
- Novell NetWare
- Linux
- FreeBSD
- SUN Solaris (x86)
- SUN Solaris (SPARC)
- HP HP-UX
- SGI Irix



DS1000B/DS2000B/DS3000B Rear Panel



Optional Accessory

- SNMP card
- USB communication cable & OPTI-SAFE USB software(for windows only)
- Extended battery pack

Typical Runtime Table

Load	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
DS1000B	95min	60min	38min	24min	18min	13min	10min	8min	7min	6min
DS2000B	95min	60min	38min	24min	18min	13min	10min	8min	7min	6min
DS3000B	60min	40min	27min	19min	14min	11min	9min	7min	6min	5min

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Powerful LCD Front Panel

14-parameter Setting

Output Voltage Setting	Manual Bypass	Site Failure Setting
Input Frequency Setting	Outlet Segment Setting	Language Selection
Input Bypass Setting	Battery Setting	Generator Option Setting
Free Run Setting	Silence Mode Setting	RS232 Control
High Efficiency Mode Setting	Battery Cabinet Setting	

15-function Displayed

Output Voltage	Output Load (%)	Battery Charge (%)
Output Frequency	Output Watt (W)	Temperature (C)
Input Voltage	Output VA	Battery Pack Number
Input Frequency	Output Current (A)	Rating (VA)
Battery Voltage	Backup Time (min)	CPU Version

Specifications

Model Name	DS1000B	DS2000B	DS3000B	DS1000B-RM (1U)	DS1000B-RM	DS2000B-RM	DS3000B-RM
Topology	True On-Line , Double Conversion						
On-battery Output Waveform	True Sine-wave						
Number of Phase	Single(102W+G)						
INPUT							
Maximum Capacity(VAW)	1000 / 700	2000 / 1400	3000 / 2100	1000 / 700	1000 / 700	2000 / 1400	3000 / 2100
Nominal Input Voltage	100/110/120Vac or 220/230/240Vac						
Input Voltage Regulation	80-144Vac or 160-276Vac						
Nominal Input Frequency	50Hz / 60Hz Auto-sensing						
Input PFC	>0.97@Full load						
Input Short Protection	Circuit Breaker						
OUTPUT							
Nominal Output Voltage	100/110/115/120/127Vac or 208/220/230/240Vac (selectable)						
Output Voltage Regulation	Rated Voltage +/- 2%						
Output T.H.D.	< 3% @ Linear Load						
High Efficiency Mode (AC to AC)	>92%						
Crest Factor	3 : 1						
Start on Battery	Yes						
Auto Restart	Yes						
Number of Outlets	6 Battery backup(US) 4 Battery backup (IEC)	12 Battery backup (US) 9 Battery backup (IEC)	3 Battery backup(US) 4 Battery backup (IEC)	6 Battery backup(US) 4 Battery backup (IEC)	6 Battery backup(US) 4 Battery backup (IEC)	4 Battery backup(US) 5 Battery backup (IEC)	
PROTECTION							
Data line Surge Protection	RJ11 / RJ45						
BATTERY							
User Replaceable Battery	12V / 7.2AH*3	12V / 7.2AH*6	12V / 34W*6	6V / 7.2AH*4	12V / 7.2AH*3	12V / 7.2AH*6	12V / 34W*6
Typical Backup Time (Full / Half load)	6 / 18 min		5 / 15 min	6 / 18 min			5/15min
Recharge Time to 90%	< 4 Hours						
Extended Battery Pack	BP1000	BP2000	BP3000	No	BP1000-RM	BP2000-RM	BP3000-RM
ADVANCE WARNING DIAGNOSTICS							
Front Panel	AC mode / On line / On battery / Bypass / Fault / Overload and 15-UPS status display						
Audible Alarms	Battery mode / UPS fault / Overload						
COMMUNICATIONS INTERFACE							
Communication Port	RS232 and USB Port						
SNMP Manageable	Yes						
ENVIRONMENTAL							
Operation Temperature	0°~40° C / 32°~104° F						
Relative Humidity	0~95% humidity, non-condensing						
Audible Noise	< 40dBA						
Dimensions (mm) (Physical/Packing) (LxWxH)	152x238x420/280x355x545	225x360x425/350x485x526	428x44x525/547x168x654	428x84x425/546x206x552	428x84x635/550x220x750		
(inches)	6x9.4x16.5/11x14x21.5	8.8x14.1x16.7/13.7x19x20.7	16.8x1.7x20.6/21.3x6.6x25.7	16.8x3.3x20.6/21.4x8.1x21.7	16.8x3.3x25/21.6x8.6x29.5		
Weight (Net/Gross) (lbs)	35.6 / 40	68.4 / 73.9	72.6 / 78.1	34.1 / 38.5	37.6 / 42.4	69.5 / 74.3	71.5 / 78.5
(kgs)	16.2 / 18.2	33 / 35.5	33 / 35.5	15.5 / 17.5	17.1 / 19.3	31.6 / 33.8	32.5 / 35.7
CONFORMANCE							
EMI/RFI Compatibility	BSMI (1X0V) ; CE (2X0V)						
Safety Certifications	UL / cUL(1X0V) ; C-Tick , A-Tick (2X0V)						

*Back-up time varies from equipments attach to and UPS battery capacity. Numbers here are for reference



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• www.vectorinfotech.com • Email: sales@vectorinfotech.com

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