

Changing the way you buy **UPS** Systems ...



- True on-line double conversion technology with advanced microprocessor control
- PWM Technology with IGBTs
- Pure Sine Wave Output, Soft Start, Self Diagnostic
- EMI / RFI Filters at Input and Output
- Active Power Factor Correction
- Wide Input range, SMPS Charger
- Battery / Load Level Indication
- Hot parallel & Redundant Option
- Static Bypass Built-in
- Smart Rs322 communication interface
- SNMP Slot for Web / Network Monitoring



1 KVA



3 KVA

Applications

- IT & Computer Centres
- BFSI, ATM & Insurance Companies
- Educational Institutes
- Diagnostics & Medical Centres
- Research Lab., Defense, Supply Chain, Warehouses
- Pharmaceuticals, Engineering, Textiles & many other Industries

UPS
Uninterrupted Power Supply

TECHNICAL SPECIFICATIONS

Item	Model	U1000B/U1000	U2000B/U2000	U3000B/U3000
Capacity	VA / Watts	1KVA / 0.7KW	2 KVA / 1.4KW	3 KVA / 2.1KW
Input				
	Normal Voltage	220VAC		
	Voltage Range	120 VAC<50% Load / 140 VAC<70%Load / 160-300 VAC for 100% Load		
	Frequency range	40- 60 Hz (adjustable)		
	Power factor	0.95	0.97	0.97
Output				
	Voltage	220VAC ± 1%		
	Frequency	50Hz ± 0.5% (Battery mode)		
	Wave form	Pure Sine Wave		
	Transfer Bet.AC & Battery Mode	0 ms		
	Transfer Bet.AC & Bypass Mode	Transfer time: 4ms (typical 2.5 ms)		
	Distrortion (Full Load) Linear load	< 3%	< 4%	< 4%
	Degree of distrortion (Full Nonlinear Load)	< 6%	< 7%	< 4%
	Overload capacity	>110% 30s turn to bypass mode; > 150%, 200ms turn to bypass		
	Load peak ratio	3:1 min		
Battery				
	Type	Maintenance free valve regulated lead acid (VRLA) battery		
	Battery voltage	36VDC	96VDC	96VDC
	Battery Number (standard type)	3 x12V x 7AH	8 x 12V x 7AH	8 x 12V x 7AH
	Backup time (F.L.)	6MIns	9.5MIns	7.5MIns
	Backup time (H.L.)	14MIns	21MIns	17.5MIns
	Recharge Time	90% capacity after 8 hrs charging		
Display	LED	load level / Battery Level / Battery mode / Line mode / Inverter, Bypass, OL, Fault		
Audible Alarm				
	Battery Mode	Beeping every 4 seconds (resettable) and every second when battery low		
	Overload	Beeping twice every second		
	Fault	Beeping Continuously		
Communications	RS-232 Interface	With monitoring software		
Working Environment				
	SNMP Port	Slot Built-in, SNMP Adapter Extra		
	Surge Protection	RJ-45 I/O port available for network or Fax/Modem		
	Working Temp.	0 To 40 Degree Centigrade		
	Humidity	0-95% Non-condensing		
	Acoustic Noise	45 db at Mt. distance		
Standards		Safely :EN50091-1, EMI/EMC : 50091-2 class B, Noise: FCC A		
Dimension	W x D x H (mm)	145 x 405 x 220	195 x 455 x 330	195 x 455 x 330
Weight				
	Net weight (Kg)	13 / 7.5	32 / 15	33 / 16
	Gross weight (Kg)	15 / 9.5	34 / 17	35 / 18

* Specifications are subject to change without prior notice due to constant improvement in design & technology.

- ❶ Rs232
- ❷ FAN
- ❸ DC Input
- ❹ AC Output Socket
- ❺ Breaker
- ❻ Surge Protect Socket Rear Panel
- ❼ AC Input
- ❽ Intelligent Interface SNMP (Optional)



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Our Nationwide Network

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