

VE

SINGLE PHASE 0.45KVA : 3KVA

Uninterruptible power supplies
Simulated sine wave – Line interactive
TECHNICAL SPECIFICATION



UNINTERRUPTIBLE POWER SUPPLIES

SINGLE PHASE VE RANGE line interactive

Simulated sine wave



450VA-650VA-850VA



1000VA



1500VA-2000-3000VA

The VE series is available in powers from 450VA to 3000VA with digital technology; this series is suitable for powering any electrical and electronic system, in the event of a power failure via the inverter, or voltage fluctuations via the AVR

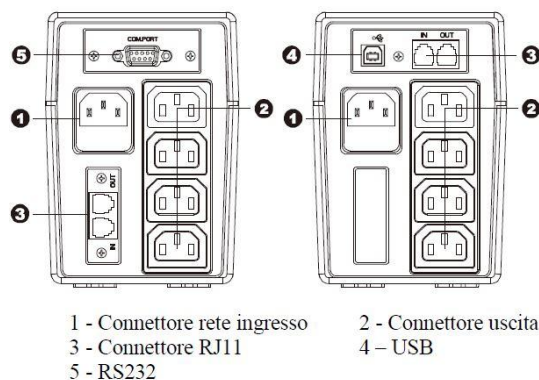
CHARACTERISTICS

- Compact size
- High quality microprocessor control ensures high reliability
- Network stabilization with AVR system
- Auto-restart when network returns
- Simulated sine wave
- Battery charger in operation even with UPS off
- Cold start function (ignition without mains)
- USB/RS-232 port and RJ-11 telephone security

COMMUNICATION

Software for all operating systems and network environments, UPSILON 2000 supervision and shut-down platform

24 MONTHS WARRANTY

VE 450/650/850 LINE INTERACTIVE UPS


MODEL	VE0450 **	VE0650 **	VE0850
POWER	450 VA / 240 W	650 VA / 360 W	850 VA / 480 W
INPUT			
Volt	110/120 VAC o 220/230/240 VAC		
Input voltage range	81-145 VAC / 162-290 VAC		
Input frequency range	60/50 Hz (auto setting)		
OUTPUT			
Output voltage accuracy (Batt. Mode)	±10%		
Output frequency accuracy (Batt. Mode)	60 Hz o 50 Hz ±1 Hz		
Intervention time	2-6 ms, 10ms max.		
Wave form (Batt. Mode)	Simulated sine wave		
BATTERIES			
Type and quantity	12 V/4.5 AH x 1	12 V/7 AH x 1	12 V/9 AH x 1
Back-up time (1 PC load @ 120 W)	5 min.	10 min.	15 min.
Typical recharging time	4-6 hours 90% load capacity		
SIGNALS			
Mains present	Green led		
Battery mode	Intermittent green led		
PROTECTIONS			
Full Protection	Overload, battery discharge and overcharge		
ALARMS			
Battery mode	Beep every 10"		
Exhausted battery	Beep every 1"		
Overload	Beep every 0.5"		
Battery to be replaced	Beep every 2"		
Fault	Beep continuous		
DIMENSIONS AND WEIGHT			
Dimensions, W x D x H (mm)	100 x 287 x 142		
Weight (kg)	3,55	4,25	4,9
ENVIRONMENT DATA			
Humidity	0-90 % RH @ 0- 40°C (without condensation)		
Audible noise	< 40dB		
INTERFACE			
USB Port	Supports Windows Family		

** available for batches 100+

Technical data and images may be subject to a change without notice

VE 1000/1500/2000 LINE INTERACTIVE UPS


MODEL	VE1000		VE1500		VE2000	
POWER	1000 VA / 600 W		1500 VA / 900 W		2000 VA / 1200 W	
INPUT						
Volt	110/120 VAC o 220/230/240 VAC					
Input voltage range	81-145 Vac / 162-290 VAC					
Input frequency range	60/50 Hz (auto setting)					
OUTPUT						
Output voltage accuracy (Batt. Mode)	±10%					
Output frequency accuracy (Batt. Mode)	60 Hz o 50Hz ±1 Hz					
Intervention time	2-6ms, 10ms max.					
Wave form (Batt. Mode)	Simulated sine wave					
BATTERIES						
Type and quantity	12 V/7 AH x 2		12 V/9 AH x 2		12 V/9 AH x 2	
Back-up time (1 PC load @ 120 W)	30 min.		40 min.		50 min.	
Typical recharging time	4-6 hours 90% load capacity					
SIGNALS						
Mains present	Green Led ON		GREEN LED ON & from 2nd to 5th green Led gradually on showing the charging level			
Battery mode	Intermittent Yellow Led		Intermittent Yellow Led & from 5th to 2nd green Led gradually off showing the charging level			
Fault	Red Led ON		Red Led ON			
PROTECTIONS						
Full Protection	Overload, battery discharge and overcharge					
ALARMS						
Battery mode	Beep every 10”					
Exhausted battery	Beep every 1”					
Overload	Beep every 0.5”					
Battery to be replaced	Beep every 2”					
Fault	Beep continuous					
DIMENSIONS AND WEIGHT						
Dimensions, W x D x H (mm)	146 x 350 x 160		146 x 397 x 205			
Weight (kg)	8,0		11,1		11,5	
ENVIRONMENT DATA						
Humidity	0-90 % RH @ 0- 40°C (without condensation)					
Audible noise	< 40dB					
INTERFACE						
USB Port	Supports Windows Family					

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VE 3000 LINE INTERACTIVE UPS


MODEL	VE3000
POWER	3000VA / 1800W
INPUT	
Volt	220/230/240 VAC
Input voltage range	162-290 VAC
Input frequency range	60/50 Hz (auto setting)
OUTPUT	
Output voltage	220/230/240 VAC
Output voltage accuracy (Batt. Mode)	±10%
Output frequency accuracy (Batt. Mode)	60Hz o 50Hz ±1 Hz
Intervention time	2-6 ms, 10ms max.
Wave form (Batt. Mode)	Simulated sine wave
BATTERIES	
Type and quantity	12 V/9 AH x 4
Back-up time (1 PC load @ 120 W)	120 min.
Typical recharging time	4-6 hours 90% load capacity
SIGNALS	
Display LCD	Line mode; Battery mode; Battery level; input and output voltage; overload; fault; low battery
PROTECTIONS	
Full Protection	Overload, battery discharge and overcharge
ALARMS	
Battery mode	Beep every 10"
Exhausted battery	Beep every 1"
Overload	Beep every 0.5"
Battery to be replaced	Beep every 2"
Fault	Beep continuous
DIMENSIONS AND WEIGHT	
Dimensions, W x D x H (mm)	495 x 150 x 250
Net weight (kg)	25
ENVIRONMENT DATA	
Humidity	0-90 % RH @ 0- 40°C (without condensation)
Audible noise	< 40dB
INTERFACE	
USB Port	Supports Windows Family

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