

COMPUTER POWER®

UPS ON-LINE TOWER MODELS: VT-1KVA • VT-1.5KVA • VT-2KVA • VT-3KVA



UPS ON-LINE RACKMOUNT MODELS: UPS VR-1.5KVA / VR-3KVA



FEATURES:

- Continuous and clean power provided by our UPS protects against downtime, data loss and process interruption
- Friendly Led Display
- Full programable options
- Cold Start from batteries
- Double-conversion True Online UPS
- Input power factor correction 0.99
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- ECO mode operation for energy saving (ECO)
- SNMP+USB+RS-232 multiple communications
- Smart battery charger design for optimized battery performance
- Selectable output voltage via LCD panel
- Hot-swappable battery design
- Wide input voltage range for harsh environments
- Automatic Bypass for fault tolerance
- Generator compatible
- Two-year product warranty

COMPUTER
POWER®

The Next Level in Digital Convergence®

RD 1663

G 83/1

Enel-GUIDA

Intertek

AS 4777

AS/NZS 3100

CE

RoHS

Compliant

GS

APPROVED

ISO-9001 & ISO-14001 / IEEE C62-41 / EM62040-1-1

www.computerpower.com

Features Description:

Computer Power MODELS: VT-1KVA • VT-1.5KVA • VT-2KVA • VT-3KVA / VR-1.5KVA • VR-3KVA Online UPS

• LCD Display Panel

- Remaining backup time information
- Fault information
- Mute operation
- Output & Battery voltage information
- Programmable outlets information
- Mode operation information
- Battery information
- Input & Battery voltage information



• Double-conversion True Online UPS

A true double conversion UPS will provide clean, high level quality power to fully protect mission-critical devices such as sensitive networks, small computer centers, servers, telecom applications, as well as for industrial applications.

• Wide input voltage range

Computer Power can still provide stable power to connected devices under unstable power environments.

• Programmable power management outlets

With programmable power management outlets, users can easily and independently control load segments. During power failure, this feature enables users to extend battery time to mission-critical devices by shutting down the non-critical devices.



Programmable Outlets (P1)
connect to non-critical devices

• 50/60 Hz Frequency Converter Mode

Lock output frequency at 50Hz or 60Hz to suit power sensitive equipments. These UPS models can be used as frequency converters: 50 Hz input / 60 Hz output or 60 Hz input / 50 Hz output. In frequency converter mode derate the capacity by 60%

• ECO mode operation for energy saving

Offers efficiency as high as 97% to cut energy usage & cost. UPS power application via static bypass, timely returning to online double conversion when the need arises.

• Emergency Power Off (EPO) Function

This feature can secure the personnel and equipment in case of fires or other emergencies.

• SNMP+USB+RS-232 multiple communications for 1-3K models

This feature allows either USB or RS-232 communication port to work with SNMP interface simultaneously.

• Higher accuracy for output voltage

With advanced control firmware, Computer Power series provides high accuracy within +/- 1% for output voltage. It can be applied to precious test & IT equipment.

• Smart battery charger design to optimize battery performance

Computer Power 1-3KVA models are equipped with **2 stage charger design** for optimized battery performance. This feature extends the useful service life of batteries and optimizes battery recharge time.

• Easy access for external battery connection.

In the rear panel

Computer Power VT Series Rear Panel



1. Output receptacles
2. Standard communication port (USB - RS232)
3. Modem Surge protection RJ-45

4. Intelligent Slot
5. External Battery Access
6. Circuit Breaker

7. Output Terminal (L - N - PE)

Computer Power Tower Units: VT-1KVA / VT-1.5KVA / VT-2KVA /VT-3KVA Tower Online UPS Selection Guide

MODEL		Computer Power 1KVA	Computer Power 1.5K VA	Computer Power 2KVA	Computer Power 3KVA
PHASE		Single phase in/Single phase out			
CAPACITY		1000 VA/800 W	1500 VA/1200 W	2000 VA/1600 W	3000 VA/2400 W
INPUT					
AC Cord and Connector	120 V models	16 AWG / 5-15P	16 AWG / 5-15P	12 AWG / Reinforced 5-15P	10 AWG / L5-30P
	220 V models		18 AWG / IEC-C13		14 AWG / L6-20P
Input Voltage	120 V models	80 - 150 VAC			
	220 V models	160 - 300 VAC			
Input Frequency Range		40 Hz ~ 70 Hz			
Operating Frequency		50 Hz / 60 Hz Auto sensing			
Power Factor		≥ 0.99 @ nominal voltage (100% load)			
OUTPUT					
Output Receptacles	120 V models	4# 5-15R	4# 5-15R	8# 5-20R	6# 5-20R
	220 V models		3# IEC-C13 & Terminal Block		6# IEC-C13 & Terminal Block
Output Voltage		208/220/230/240 VAC or 110/115/120/127 VAC			
AC Voltage Regulation (Batt. Mode)		± 3%			
Output Frequency		50 Hz / 60 Hz Auto sensing			
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz			
Current Crest Ratio		3:1			
Harmonic Distortion		≤ 3 % THD		≤ 4 % THD	
Transfer Time		Zero			
Waveform		Pure sine wave			
EFFICIENCY					
AC Mode		85%		88%	
Battery Mode		83%			
BATTERY					
Battery Type		12 V / 9 Ah	12 V / 10 Ah	12 V / 7 Ah	12 V / 10 Ah
Numbers		3	3	6	6
Typical Recharge Time		4 hours recover to 90% capacity			
Charging Voltage		41.0 VDC ± 1%		82.1 VDC ±1%	
Backup Time Full / Half Load		6 / 14 minutes			
INDICATORS					
LCD Display		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions			
ALARM					
Battery Mode		Beeps every 4 seconds			
Low Battery		Beeps every second			
Overload		Beeps twice every second			
Fault		Continuously sounding			
PHYSICAL					
Standard Model	Dimension, D x W x H (mm)	397 x 145 x 220		421 x 190 x 318	
	Net Weight (kgs)	13	14	26	28
ENVIRONMENT					
Operational Humidity and Temperature		0-90 % RH @ 0- 40°C (non-condensing)			
Noise Level		Less than 45dB @ 1 Meter			
Operational Altitude		≤ 3000 Meters			
MANAGEMENT					
Smart RS-232		Supports Windows® 2000/2003/XP/Vista/ 2008, Windows® 7, Linux, Unix, and MAC			
USB					
Optional SNMP		Power management from SNMP manager and web browser			

Product specifications are subject to change without further notice

Computer Power Rackmount Units: VR-1.5KVA / VR-3KVA Rackmount Online UPS



VR-1.5KVA / VR-3KVA Rackmount Online UPS Selection Guide

MODEL	Computer Power RM-1.5K (L)	Computer Power RM-3K (L)
PHASE	Single phase with ground	
CAPACITY	1500 VA / 1200W	3000 VA / 2400 W
INPUT		
AC Cord and Connector	16 AWG / 5-15P	10 AWG / L5-30P
Input Voltage	80 - 150 VAC	
Input Frequency Range	40 Hz ~ 70 Hz	
Operating Frequency	50 Hz / 60 Hz Auto sensing	
Power Factor	≥ 0.99	
OUTPUT		
Output Receptacles	4 # 5-15R	2 # 5-20R / L5-30R
Output Voltage	110/115/120/127 VAC	
AC Voltage Regulation (Batt. Mode)	± 1%	
Output Frequency	50 Hz / 60 Hz Auto sensing	
Frequency Range (Batt. Mode)	50 Hz ± 0.2 Hz or 60Hz ± 0.2 Hz	
Current Crest Ratio	3:1	
Harmonic Distortion	≤ 2 % THD	
Transfer Time	Zero	
Waveform	Pure Sinewave	
EFFICIENCY		
AC Mode	86%	88%
Battery Mode	83%	85%
BATTERY		
Battery Type	12 V / 9Ah	12 V / 9Ah
Numbers	3	6
Typical Recharge Time	4 hours recover to 90% capacity	
Charging Voltage	41.1 VDC ± 1%	82.1 VDC ± 1%
Backup Time Full/ Half Load	6 / 14 minutes	
INDICATORS		
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions	
ALARM		
Battery Mode	Beeps every 4 seconds	
Low Battery	Beeps every second	
Overload	Beeps twice every second	
Fault	Continuously sounding	
PHYSICAL		
Dimension, D x W x H (mm)	480 x 438 x 88 [2U]	600 x 438 x 88 [2U]
Net Weight (kgs)	18.5	29
ENVIRONMENT		
Operational Humidity and Temperature	0-90 % RH @ 0- 40°C (non-condensing)	
Noise Level	Less than 50dB @ 1 Meter	
Operational Altitude	≤ 3000 meters	
MANAGEMENT		
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC	
Optional SNMP	Power management from SNMP manager and web browser	

Product specifications are subject to change without further notice

Computer Power VT 1.5KVA Rear Panel



Computer Power VT 3KVA Rear Panel



1. Output receptacles
2. Standard communication port (USB - RS232)
3. Modem surge protection RJ-45
4. Intelligent Slot
5. External Battery Access
6. Circuit Breaker

Optional SNMP Card (Integrated with ViewPower Pro software)



- Allows control and monitoring of multiple UPSs through RJ-45 network connection
- Real-time dynamic graphs of UPS data (voltage, frequency, load level, battery level)
- Warning notifications via audible alarm, broadcast, mobile messenger, e-mail and SNMP traps
- Historic data log stored in centralized PC database
- Simple firmware upgrade with one click • Password security protection and remote access management
- Supports optional environmental monitoring detector for temperature, humidity and smoke
- 2-year product warranty SNMP Card

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