

Output
Power
Factor 0.9

COMPUTER POWER®

The Next Level in Digital Convergence®

True On-Line UPS MODELS: VTN-6KVA • VTN-10KVA



• **VTN-6KVA**
with Internal
Batteries



• **VTN-10KVA**
without Internal
Batteries



• **Battery Cabinet**
for VTN-10KVA

FEATURES:

- Paralleling option up to 3 units
- Continuous and clean power provided by our UPS protects against downtime, data loss and process interruption
- Friendly LCD Display
- Full programmable options
- Cold Start from batteries
- Double-conversion True On-Line UPS
- Input power factor correction 0.99
- 50Hz/60Hz frequency converter mode
- 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
- Wide input voltage range for harsh environments
- Automatic Bypass for fault tolerance
- Generator compatible
- Manual Maintenance Bypass Switch
- Two-year product warranty
- Charger capacity expansion to 8 Amp for extended back up time
- CD Software Included
- Protection for: Power Failure, Power Sag, Undervoltage, Overvoltage, Electrical Line Noise, Frequency Variation, Switching Transient

COMPUTER POWER®

A member of SY-G Corporation

RD1663

G 83/1

Enel-GUIDA

Intertek

AS 4777

AS/NZS 3100

CE

RoHS

Compliant

ISO 9001

ISO 14001

ISO 45001

ISO-9001 & ISO-14001 / IEEE C62-41 / EN62040-1-1

www.computerpower.com

Features Description:

COMPUTER POWER MODELS: VTN-6KVA • VTN-10KVA On-Line UPS

• Double-conversion True On-Line 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.

• 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.

• 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 6 KVA and 10 KVA models are equipped with **3 stage extendable charger** for optimized battery performance.

This feature extends the useful service life of batteries and optimizes battery recharge time.

• DSP technology

A DSP controller provides an improved and cost-effective solution with high performance.

• Manual maintenance bypass available for 6 KVA and 10 KVA models

Internal bypass assures continuous power to critical devices during UPS maintenance.

• Paralleling option up to 3 units

Computer Power 6 KVA and 10 KVA models can be used in parallel operation with up to 3 units. It increases power safety and availability.

Maximum Available Capacity on Parallel Operation

	N + X			
	2 UNITS		3 UNITS	
Model	2 + 0	1 + 1	3 + 0	2+1
6 KVA	12 KVA	6 KVA	18 KVA	12 KVA
10 KVA	20 KVA	10 KVA	30 KVA	20 KVA



• 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

Computer Power VTN-6KVA • VTN-10KVA Rear Panel



1. Standard communication ports (USB - RS232)
2. Intelligent Slot
3. Battery Connector
4. Manual Maintenance Bypass Switch
5. Input / Output terminal Block
6. Circuit Breaker
7. Emergency Power Off EPO

Optional SNMP Card (Integrated with ViewPower Pro software)



SNMP Card

- 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

ViewPower Pro UPS Management Software



- * Allows control and monitoring of multiple UPSs via LAN and INTERNET
- * User-friendly power analysis graphs
- * Real-time dynamic graphs of UPS data
- * Safely OS shutdown and protection from data loss during power failure
- * Warning notifications via audible alarm, broadcast, mobile messenger, and e-mail
- * Scheduled UPS on/off, battery test, programmable outlet control, and audible alarm control
- * Password security protection and remote access management
- * Supports multiple OS and local languages

Computer Power: VTN-6KVA • VNT-10 KVA Online UPS Selection Guide

MODEL	Computer Power VTN-6 K	Computer Power VTN-10K
PHASE	2-phase in / 2-phase out	
CAPACITY	6000 VA / 5400 W	10000 VA / 9000 W
INPUT		
Nominal Input Voltage	110/115/120/127 VAC (L-N) 208 / 220 / 230 / 240 VAC (L - L)	
Input Voltage Range	80 - 140 VAC (L - N) 138 - 242 VAC (L - L) 120°, 240° 160 - 280 VAC (L - L) 180°	
Input Frequency Range	46 ~ 54 Hz or 56 ~ 64 Hz	
Operating Frequency	50 Hz / 60 Hz Auto sensing	
Wiring	L1, L2, N with ground	
Phase Angle	≥ 0°/120°/180°/240°	
Power Factor	0.99 @ 100% load	
Harmonic Distortion THDi	≤ 5%	
OUTPUT		
Nominal Output Voltage	110/115/120/127 VAC (L-N) 208 / 220 VAC (L - L) 120°, 240° 220 / 230 / 240 VAC (L - L)180°	
Wiring	L1, L2, N with ground	
Phase Angle	0°/120°/180°/240°	
AC Voltage Regulation	± 1%	
Output Frequency	50 Hz / 60 Hz Auto sensing	
Frequency Range	50 Hz or 60 Hz ± 0.1 Hz (Batt Mode) 46 ~ 54 Hz or 56 ~ 64 Hz (Sync range)	
Current Crest Ratio	3:1 (max.)	
Harmonic Distortion THDv	≤ 2 %	
Transfer Time	Zero	
Waveform	Pure Sinewave	
Overload AC mode	100% to 110%: 10 min / 110% to 130%: 1 min / >130%: 1 seg	
EFFICIENCY		
AC Mode	91%	
Battery Mode	88%	
ECO Mode	96%	
BATTERY		
Nominal Voltage	120 VDC	
Battery Type (Sealed Maintenance Free VRLA)	12 V / 9 AH	12 V / 7 AH
Numbers	10 pcs x 2 strings (20)	10 pcs x 4 strings (40), external cabinet
Typical Recharge Time (to 90% capacity)	5 hours	
Charging current	2A - 8A Selectable	
Float Charging Voltage	136.5 VDC	
Backup Time: Pf = 0.9: 100% / 75% / 50% load:	9 / 13 / 22	8 / 13 / 23
Backup Time: Pf = 0.8: 100% / 75% / 50% load:	10 / 15 / 26	10 / 16 / 26
Extended Backup Time	Configurable according to client's needs	
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		
Dimension, D x W x H (mm)	592 x 250 x 576	592 × 250 × 576 (UPS & Batt Cab)
Net Weight (kgs)	83 Kg	UPS: 38 Kg Batt cabinet: 109 Kg
ENVIRONMENT		
Operational Humidity and Temperature	0-95 % RH @ 0- 40°C (non-condensing)	
Noise Level	Less than 60dBA @ 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	

When used as frequency converter derate capacity to 60%

**COMPUTER
POWER®**

A member of SY-G Corporation

www.computerpower.com

Computer Power © January 2020

RD1663

G83/1

Enel-GUIDA

Intertek

AS 4777

AS/NZS 3100

CE

RoHS

Compliant

APPROVED

ISO-9001 & ISO-14001 / IEEE C62-41 / EN62040-1-1

Distributed By: