

NETWORK

VARNA XTREME RT SERIES

On-line UPS double conversion high frequency from 3750VA to 6250VA

Description

The Varna Xtreme RT UPS available in either Rack or Tower, include active input PFC rectifier (Power Factor Corrector) and make use of the advantages of PWM technology with IGBTs to obtain equipment with high technical features. They resolve mains electricity problems without resorting to the use of the battery in most cases, thereby increasing its service life. They are ideal for supplying critical systems of 3750VA to 6250VA that require a high reliability and quality supply with low operating and maintenance costs.

Data is provided locally through mimic panel with LEDs and LCD display. The communications interface, together with its powerful software, allow users to monitor the status of the unit and provides information on its environment.

Features

- > On-line UPS double conversion
- > Output power factor 0.8
- > 19" Rack-mounting/tower design
- > Microprocessor digital control technology
- > Power: 3750VA to 6250VA
- > Visual alarms (led and display) and audible in the case of mains failure
- > Easy-shift LCD display with information about status of UPS
- > Wide input voltage range
- > Battery mode start up without mains line
- > Protections against overloads, shortcircuit and low battery voltage
- > Battery test function
- > Re-start function
- > RS232/USB + software included for software monitoring
- > Paralleable up to 9 UPSs, with common battery
- > 60A super AC charger (Max)
- > 48VDC, Only 4pcs of batteries
- > High input power factor ≥ 0.98
- > 93% high efficiency
- > SNMP and Dry contact cards optional



Varna Xtreme RT Series

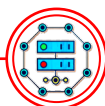
Applications



Domestic Use



Data Center



Network & Server



Industrial controls & Process Automation



Medical Equipment



Building Automation



Elevator & Escalator

GENERAL SPECIFICATIONS

Model	Varna Xtreme 3750L RT	Varna Xtreme 6250L RT
Power	3750VA	6250VA
GENERAL		
Technology	Online, double conversion, high frequency	
Overload	100~110% up to 30 min, 110~130% up to 5 min	
INPUT		
Voltage	110~280 VAC @ 50 % load, 176~280 VAC @ 100% load	
Frequency	46~64 Hz	
Power factor	≥0,98	
OUTPUT		
Power	3750VA/3000W	6250VA/5000W
Voltage	220/230V _{a c} ±1 %	
Output frequency	50 Hz ±0.1	
Outputs	Terminals	
Type of wave	Pure sinewave	
Harmonic distortion	THD < 3% (linear load)	
Crest factor	3:1	
EFFICIENCY		
AC Mode	92.5%	93%
DC Mode	92.5%	93%
BATTERIES & BACKUP TIME		
Battery voltage & type	48VDC Lead battery with anti-leak, VRLA type, Lithium battery Pack	
Charging Current (max.)	60A	
Charge time	4h-90%	
Backup time	Up to many hours (depend on connected load)	
INDICATORS		
LCD display	Load level, battery level, input/output voltage and frequency, operating mode, and fault or warning indicator	
Acoustics	Battery Mode, low battery, overload, fault, bypass mode	
COMMUNICATIONS		
Control software	View power	
Communications	RS232 and USB	
Indicators	Automatic shutdown of applications, input/output voltage and frequency, load status, battery capacity, temperature, historic events, system analysis	
SNMP card	Optional	
PROTECTION		
Protection	Low battery, current limitation, overload, short-circuit, temperature and output over/low voltage	
Automatic bypass	Yes	
RFI filter	Yes	
PFC : Power factor corrector	Yes	
STANDARDS		
Marks	CE	
Directives	EN 62040-1, EN 62040-2 (EMC)	
OTHERS		
Operation temperature	0-50°C	
Relative humidity	0-95% (non-condensing)	
Altitude without decreasing power	1000 meters over sea level	
Acoustic level	<55dBA	
Dimension ** WxDxH (mm)	438x580x133	
Dimensions U	3U	
Weight ** (Kgs)	13.5	14

** Indicated dimension and weigh for UPS models with internal batteries (10 minutes of autonomy), Rest of models and backup times with external battery module, consult weights and dimensions.

** Specifications may be changed without notice.