

TIBER SERIES

On-line UPS double conversion high frequency from 1 to 3 KVA



Description

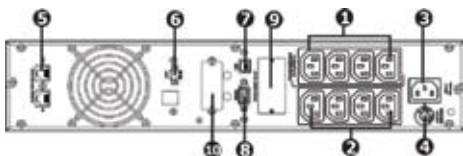


The Tiber is an on-line double conversion high frequency UPS available in either 2U Rack or Tower from 1kVA to 3kVA. With internal batteries and optional extended run time models, they can be maintained or replaced via the front panel without removing the UPS from the rack mount.

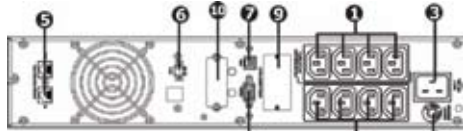
The user-friendly LCD display panel can be easily rotated vertically or horizontally to suit the installation format. Users can manage the load, examine the UPS and gather remaining back-up time information via this function.



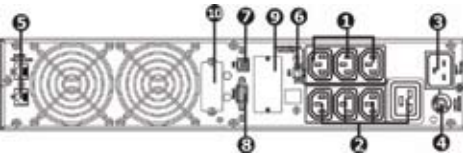
Tiber 3 KVA tower and rack



Rear connections Tiber 1 KVA



Rear connections Tiber 2 KVA



Rear connections Tiber 3 KVA

- ① Programmable outlets: connect to non-critical loads
- ② Output receptacles: connect to mission-critical loads
- ③ AC input
- ④ Input circuit breaker
- ⑤ Network/Fax/Modem surge protection
- ⑥ EPO: emergency power off
- ⑦ USB communication port
- ⑧ RS-232 communication port
- ⑨ SNMP intelligent slot (optional)
- ⑩ External battery connector (only available for long-run models)

Features

- > UPS online double conversion
- > Output power factor 0.9
- > User-friendly and easy-shift LCD display
- > 19" rack-mounting/Tower design
- > ECO and advanced ECO mode for energy saving: It allows UPS to operate in high efficiency up to 97% in energysaving ECO mode and even up to 98%. In this operation mode, load is supplied by the mains. In the event of a mains failure, the inverter takes over the load and provides supply continuity to the connected systems.
- > Output voltage regulation < 1%
- > Programmable power management outlets
- > Emergency power off function (EPO): This feature can secure the personnel and equipment in case of fires or other emergencies
- > Additional extended run time battery modules are available in a matching design for long backup applications.

domestic use

network

data centers

medicine

telecommunications

security

industrial



GENERAL SPECIFICATIONS				
Model	TIBER 1	TIBER 1.5	TIBER 2	TIBER 3
Power VA	1000	1500	2000	3000
Power W	900	1350	1800	2700
GENERAL				
Technology	On-Line, double conversion, high frequency, active rectifier			
Overload	110-125% 2 min			
Efficiency	up to 91%			
INPUT				
Voltage range	165-295 VAC			
Power factor	≥ 0.99 @ nominal voltage (100% load)			
Frequency	40Hz ~ 70Hz			
Input connections	UK 10A 250V		UK 16A 250VAC	
OUTPUT				
Power (KVA/KW)	1/0.9	1.5/1.35	2/1.8	3/2.7
Voltage	208/220/230/240 VAC			
AC Voltage Regulation (Batt. Mode)	± 1%			
Output frequency	47 ~ 53 Hz or 57 ~ 63 Hz (Synchronized Range) 50 Hz ±0.5 % or 60Hz ± 0.5% (Batt. Mode)			
Outputs sockets	IEC*8 C13 10A 250V			
Type of wave	Pure Sinewave			
Harmonic distortion (linear load) THD	≤ 2 % THD (Linear Load)			
BATTERIES & BACKUP TIME				
Standard battery	VRLA: Sealed lead acid maintenance free			
Backup time	extended run time options available			
Charge time	4 hours recover to 90% capacity			
INDICATORS				
LCD display	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator			
Acoustics	Battery Mode, Low Battery, Overload, Fault			
COMMUNICATION				
Control software	UPSilon 2000			
Communications	RS232 port			
Indicators	Low Battery, Overload, Battery is not connected, Overcharge, Site wiring fault, EPO enable, Over temperature, Charger failure, Battery Fault, Bypass Out Range, Bypass Frequency Unstable			
SNMP card (optional)	RS232 Ethernet converter			
PROTECTION				
Protections	Current limitation, overload, short-circuit and temperature			
Automatic bypass	Yes			
RFI filter	Yes			
STANDARDS				
Marks	CE Marking			
OTHERS				
Relative humidity	20-90 % RH @ 0- 40°C (non-condensing)			
Acoustic level	Less than 50dBA @ 1 Meter			
Heat disipation	90W approx.	135W approx.	180W approx.	270W approx.
UPS dimensions DxWxH (mm)	380 x 438 x 88	480 x 438 x 88	600 x 438 x 88	
Dimensions U	2U			
Shipping dimensions	600x500x240	700x565x240	700x600x240	
UPS weight (Kgs)	12.9	17.6	20.6	28

Specifications may be changed without notice.