



New!

TIGRA *plus* 1,2 & 3KVA True Online Voltage & Frequency Independent UPS

Applications:

- IT Corporate sensitive application networks
- Servers, routers, switches, recording devices
- Telecommunication installations
- VoIP, IT security appliances
- Surveillance installations
(Cameras, records keeping equipment)
- Banking Systems
- Medical analyzers and diagnostic systems
- Manufacturing electromechanical control systems
- Production quality monitoring systems

2 YEARS GUARANTEE!!!
BATTERIES INCLUDED

Full Protection from:

- | | | |
|------------------|-----------------------|------------------------|
| ✓ Power Failures | ✓ Undervoltage | ✓ Switching Transients |
| ✓ Sags | ✓ Overvoltage | ✓ Line Noise |
| ✓ Power Surges | ✓ Frequency Variation | ✓ Harmonic Distortion |

State of the Art DSP Technology

INTELLIGENT PROTECTION

FEATURES

- True on Line double conversion technology
- User friendly and comprehensive LCD front panel design
- Full Automated production process for high reliability
- Small foot print for installations in space limited environments
- Wide input voltage range (100-300VAC)
- Precise Output voltage regulation
- Load Power factor 0.9
- High quality long life 12V-9Ah batteries
- Fast recharging time (< 4 hours) to 90% battery capacity
- ECO and Advanced ECO mode for higher efficiency
- Schuko receptacles for easy installation
- Emergency Power Off function (EPO)
- Pure Sinewave Output
- USB connectivity port included
- Slot ready for SNMP (option) adapter for monitoring and control
- Free Auto shutdown S/W for most popular operating systems.
- Long run time models available



TIGRA plus 1-3KVA - Tower ONLINE UPS							
MODEL		TIGRA plus 1K	TIGRA plus 1KL	TIGRA plus 2K	TIGRA plus 2KL	TIGRA plus 3K	TIGRA plus 3KL
Capacity	VA	1000 VA / 900 W		2000 VA / 1800 W		3000 VA / 2700 W	
INPUT							
Voltage Range		100-300 VAC					
Frequency Range		45 Hz-55 Hz / 54 Hz -66 Hz					
Static By-Pass Switch Voltage		230VAC ±5%					
Static By-Pass Switch Frequency		50Hz ±1Hz					
Total Harmonic Distortion (THDi)		≤ 5%					
Power Factor		≥ 0.99 @ nominal voltage (100% load)					
OUTPUT							
Output Voltage		220/230/240 VAC ± 1%					
AC Voltage Regulation		± 1%					
Frequency		50 Hz or 60Hz ± 0.5 Hz					
Current Crest Ratio		3:1 (max.)					
Harmonic Distortion		≤ 1 % THD (Linear Load); ≤ 5 % THD (Non-linear load)					
Overload		100%-105%: Constant, 105%-130% 60Sec line mode 10sec battery mode , 130%-150% 10sec, >150%300 ms					
Transfer Time		Zero (Line mode to Battery mode) 4 ms (Inverter Mode To Bypass Mode)					
EFFICIENCY							
On Line Mode		88%		90%		90%	
ECO Mode		97%		97%		97%	
BATTERY							
Battery Type	2 x 12V 9 AH	External Batteries	4 x 12V 9 AH	External Batteries	6 x 12V 9 AH	External Batteries	
Typical Recharge Time	4 hours recover to 90% capacity		4 hours recover to 90% capacity		4 hours recover to 90% capacity		
Charging Current (max.)	1.5 A	6A	1.5 A	6A	1.5 A	6A	
Charging Voltage	27.4 VDC ± 1%		54.7 VDC ±1%		82.1 VDC ±1%		
DISPLAY/ ALARM							
LCD Display	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator						
INTERFACE							
Communication	USB, SNMP optional, Dry Contact						
Emergency Power Off	YES						
Outlet	German Schuko						
PHYSICAL							
Dimensions, W X H X D (mm)	144*228*356	102*328*346	190*327*399	102*327*390	190*327*399	102*327*390	
Net Weight (kgs)	9.2Kg	3.9Kg	17.4Kg	6.4Kg	22.7Kg	6.4Kg	
ENVIRONMENT							
Humidity Temperature	<95 %, 0°C to 40°						
Noise Level	Less than 50dBA @ 1 Meter						
Altitude	up to 1000m without derating						
CERTIFICATE							
Certificates	CE, EN62040-1, 62040-2, 62040-3						

Specifications are subject to change without notice

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