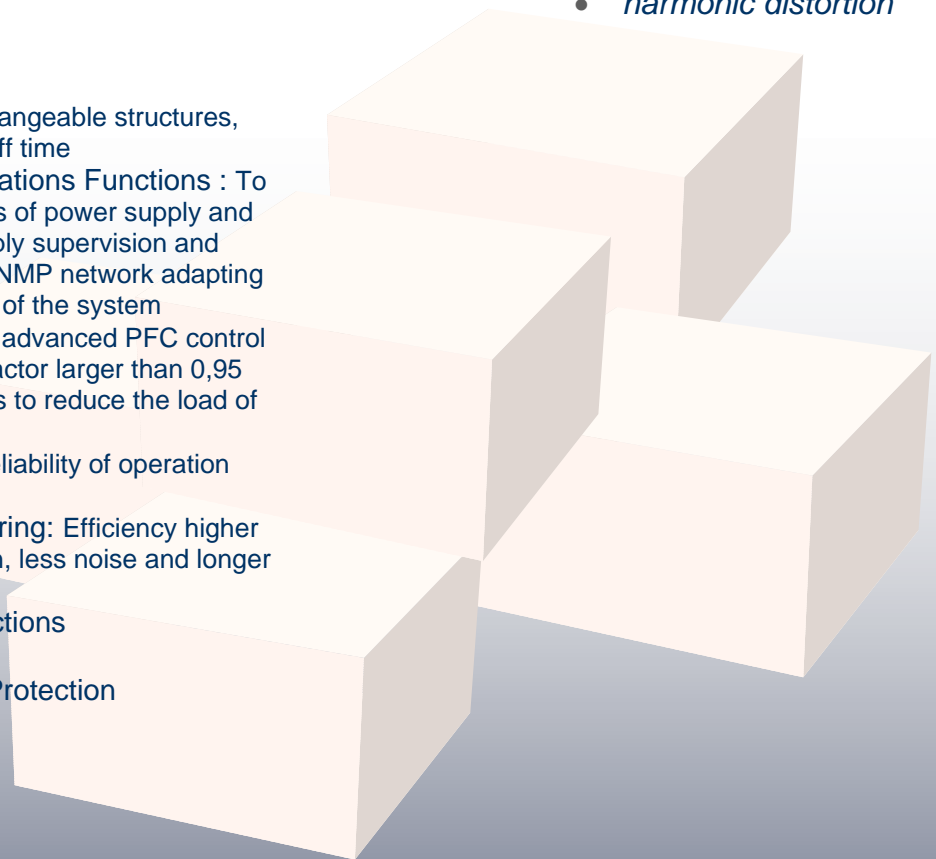


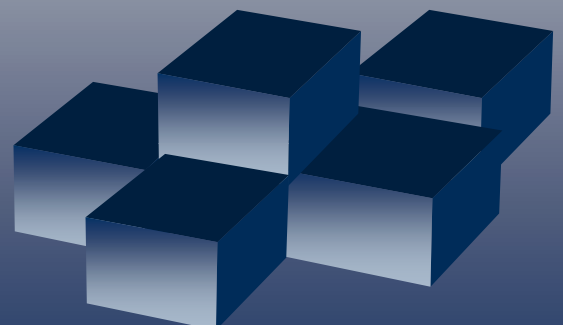
Full Protection from:

- power failure
- surges
- sags
- undervoltage
- overvoltage
- frequency variation
- switching transient
- line noise
- harmonic distortion

- ☑ On Line Working Mode: All changeable structures, high output stability rate, zero out-off time
- ☑ Intelligent RS-232 Communications Functions : To supervise and control the conditions of power supply and UPS through Powersoft power supply supervision and control software. Also supporting SNMP network adapting apparatus to enhance the reliability of the system
- ☑ High Input Power Factor: The advanced PFC control technology to ensure input power factor larger than 0,95 when the output is full-loaded, so as to reduce the load of the power network
- ☑ Minimized Size: To enhance reliability of operation and reduce costs of the user
- ☑ High Efficiency and Low Wearing: Efficiency higher than 10%, less energy consumption, less noise and longer usage life
- ☑ Full Range of Protection Functions
 - Three-Classes Over-Current Protection
 - Input Over-Voltage Protection



On Line
Double Conversion
Voltage & Frequency Independent
UPS



TIGRA PLUS ON-LINE DOUBLE CONVERSION (*) UPS SPECIFICATIONS

MODEL		TIGRA Plus-1K	TIGRA Plus-1KL	TIGRA Plus-2K	TIGRA Plus-2KL	TIGRA Plus-3K	TIGRA Plus-3KL	TIGRA Plus-6K	TIGRA Plus-6KL	TIGRA Plus-10KS (1/1)	TIGRA Plus-10KT(3/1)	
CAPACITY	V/A/W	1000VA/800W		2000VA/1600W		3000VA/2400W		6000VA/4200W		10000VA/7000W		
INPUT	Voltage Range	120-276VAC									208-478VAC	
	Frequency Range	50/60Hz ± 6% (50/60Hz settings)						45-55Hz				
	# of Phases	1/1									3/1	
	Power Factor	≥0.98 at full load (>0.99 option)						≥0.99		≥0.95		
OUTPUT	Voltage	220VAC±2%										
	Frequency	50/60Hz ± 0.5 % (BATTERY MODE)						50/60Hz ± 0.1 % (BATTERY MODE)				
	Total Harmonic Distortion	<3% THD (Linear Load)										
	Output Waveform	Pure sine wave										
BATTERY	Battery Type	SEALED LEAD ACID BATTERY, MAINTENANCE FREE										
	Battery Size	12V/7AH		12V/7AH		12V/7AH		12V/7AH		12V/7AH	12V/7AH	
	Number of batteries	3	DEPENDIN G ON THE CAPACITY OF EXTERNAL BATTERIES	6	DEPENDIN G ON THE CAPACITY OF EXTERNAL BATTERIES	8	DEPENDIN G ON THE CAPACITY OF EXTERNAL BATTERIES	20	DEPENDIN G ON THE CAPACITY OF EXTERNAL BATTERIES	20	20	
	Backup Time (full load)	8 MIN		12 MIN		7 MIN		8 MIN		5 MIN	5 MIN	
	Recharge Time	<10 h		<10 h		<10 h		<10 h		<10 h	<10 h	
	Charging Voltage	36Vdc		72 or 96Vdc		96Vdc		120Vdc		240Vdc		
TRANSFER TIME	AC to DC	ZERO										
Crest Factor		3:1										
INDICATOR	Alarm	Battery low voltage, Abnormal power supply, UPS failure						Battery low, main abnormal, UPS overload, fault				
Protection	Protection	Protection for battery low voltage, overload, short circuit, and over temperature						Protection for input power voltage, input low voltage, low battery, over load, fault, short circuit, over temperature				
PHYSICAL	Dimension (mm), WxDxH	156x465x215	440x460x2U	198x490x330	440x460x2U	198x490x330	440x460x2U	253x637x700	253x637x500	253x637x700		
WEIGHT	Net Weight	13KGS	8KGS	26KGS	10KGS	30KGS	11KGS	95KGS	30KGS	34KGS	35KGS	
ENVIRONM ENT	Operating Temperature	0-40°C										
	Relative Humidity	0-95% (NON-CONDENSING)										
	Noise Level	<45dB						<60dB				
DISPLAY	Display	LED indicate the status of UPS, LCD is option						LCD: Input/Output voltage, battery voltage, load capacity, UPS working status. LED indicator: Utility, Battery, Bypass, Fault				
INTERFACE		RS232 port supports UPS power management s/w or UPSilon2000, USB (Option)						RS232 port		RS232/RS485 port		
SNMP	SNMP (optional)	Power management from SNMP manager and WEB browser						Network Monitor through SNMP adapter				
CERTIFICAT ION	Safety	EN 50091-1-1										
	EMC	EN 50091-2										

(*) According to the IEC (International Electrotechnical Committee) UPS Classification no: IEC 62040-3

