



New!

# TIGRA *supreme*

High Performance

True Online

Double Conversion UPS

Single Phase, 6 & 10 KVA

## Certificates:

- Safety: EN 62040-1
- EMC: IEC/EN 62040-2
- IEC 61000-4-2 (ESD): level 3
- IEC 61000-4-3 (Radiated field): level 3
- IEC 61000-4-4 (EFT): level 4
- IEC 61000-4-5 (Fast transients): level 4
- IEC 61000-4-6 (Electromagnetic field): level 3
- IEC 61000-4-8 (Conducted magnetic field): level 4
- Performance: IEC/EN 62040-3

## Full Protection from:

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

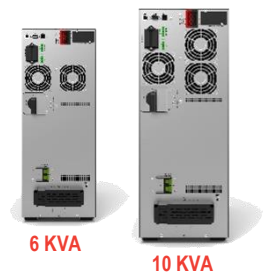


State of the Art DSP Technology

INTELLIGENT PROTECTION

## FEATURES

- True double-conversion
- 95% efficiency for low TCO (Online mode)
- ECO high efficiency mode
- Microprocessor control optimizes reliability
- N+X redundancy up to 3 units in parallel config.
- High Input power factor (0.99)
- Output power factor (1.0)
- Wide Input voltage (110V – 300V)
- Output voltage regulation < 1%
- Converter mode available
- Generator compatible (THDi < 3%)
- 20 internal batteries 12V-9Ah for longer back up
- Longer runtimes available
- Smart SNMP & Relay controllers (optional)
- Free auto shut down software
- LCD display for control and set up
- Fan Speed control for lowest acoustic voice
- Manual Bypass switch (standard in Tower models)



LEXPOWER TIGRA SUPREME ONLINE UPS 6-10 KVA					
MODEL		LEXPOWER TIGRA Supreme 1106K (L)		LEXPOWER TIGRA Supreme 1110K (L)	
PHASE		1 phase in / 1 phase out			
CAPACITY		6000 VA / 6000 W		10000 VA / 10000 W	
<b>INPUT</b>					
Nominal Voltage		208/220/230/240VAC			
Input Voltage Range		110-300 VAC (Based on load at 50%) 176-300 VAC (Based on load at 100%)			
Frequency Range		40-70 Hz			
Power Factor		≥ 0.99 @ Nominal Voltage (100% load)			
<b>OUTPUT</b>					
Output Voltage		220/230/240VAC			
Voltage Regulation		± 1%			
Frequency Range (Synchronized Range)		46~54 Hz or 56~64 Hz			
Frequency Range (Batt. Mode)		50 Hz or 60Hz ± 0.05 Hz			
Current Crest Ratio		3:1			
Harmonic Distortion		≤ 1 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)			
Transfer Time	AC Mode to Battery Mode	Zero			
	Inverter to Bypass	Zero			
Waveform (Batt. Mode)		Pure Sinewave			
Parallel Operation		Up to 3 units			
<b>EFFICIENCY</b>					
AC Mode		95%		95%	
Battery Mode / ECO Mode		92% / 98%		92% / 98%	
Input current distortion		<=3%		<=3%	
<b>BATTERY</b>					
Standard Model Run time (5/10min at full/half load)	Battery Type	12 V / 9 Ah			
	Number of Batteries	20 bat. Std model	20 in EBM for L model	20 bat. Std model	20 in EBM for L model
	Typical Recharge Time	3 hours recover to 90% capacity			
	Charging Voltage	273 VDC ±1%	273 VDC ±1%	273 VDC ±1%	273 VDC ±1%
<b>INDICATORS</b>					
LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators			
<b>ALARM</b>					
Battery Mode		Sounding every 4 seconds			
Low Battery		Sounding every second			
Overload		Sounding twice every second			
Fault		Continuously sounding			
<b>PHYSICAL</b>					
Standard Model	Dimension, WxH xD(mm)	220 x 589x 492	220 x 589x 492	220x348x492 LModel	
	Net Weight (kgs)	63	14	71	16
<b>ENVIRONMENT</b>					
Humidity		0-95% RH @ 0-50°C (non-condensing)		0-95% RH @ 0-40°C (non-condensing)	
Noise Level		Less than 45dBA @ 1 Meter		Less than 50dBA @ 1 Meter	
<b>MANAGEMENT</b>					
Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC			
Optional SNMP		Power management from SNMP manager and web browser			

If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated 1% / 100m.

Product specifications are subject to change without further notice

**ΑΠΟΚΛΕΙΣΤΙΚΗ ΔΙΑΘΕΣΗ: LEXIS ΠΛΗΡΟΦΟΡΙΚΗ ΑΕ – VOICE / DATA / VIDEO COMMUNICATIONS & POWER SYSTEMS**

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