



New!

# TIGRA *supreme*

High Performance

True Online

Double Conversion UPS

RT 6&10KVA Single Phase



## 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:

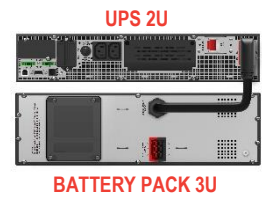
- |                  |                       |                        |
|------------------|-----------------------|------------------------|
| ✓ Power Failures | ✓ Undervoltage        | ✓ Switching Transients |
| ✓ Sags           | ✓ Overvoltage         | ✓ Line Noise           |
| ✓ Power Surges   | ✓ 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 RT 1106K (L)		LEXPOWER TIGRA Supreme RT 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	Battery Type	Back time: 5-7 min with 12 V / 9 Ah For L models depends on the number of EBMS			
	Numbers	20 in 3U cabinet	Depends on the number of EBMS	20 in 3U cabinet	Depends on the number of EBMS
	Typical Recharge Time	3 hours recover to 90% capacity Standard model with 1-4A charger) 12A charger (L models)			
	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 / Fault		Sounding twice every second / Continuously sounding			
<b>PHYSICAL</b>					
Standard Model	Dimension, WxH xD(mm)	438x86.2x573mm-UPS 438x128x593-Battery	438x86.2x573mm(UPS)	standard and L models are the same 438x128x593-Battery	
	Net Weight (kgs)	62 Battery	14 UPS (L)	62 Battery	16 UPS (L)
<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/External slot		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**

**ΑΘΗΝΑ:** Καρπάθου 2-4 & Εθν. Αντιστάσεως, Γέρακας Αττικής 153 44 - Τηλ.: 210-67 77 007, Fax: 210-6777008, email: [lexis@lexis.gr](mailto:lexis@lexis.gr)  
**ΘΕΣΣΑΛΟΝΙΚΗ:** Μαυρομιχάλη 32, 542 49 – Τηλ.: 2310- 329 350-1, Fax: 2310-329 352, email: [thes@lexis.gr](mailto:thes@lexis.gr)