

LEXPOWER TIGRA plus TOWER 1-3kVA ON-LINE DOUBLE CONVERSION UPS

TOWER MODEL	TIGRA plus 1K	TIGRA plus 1KL	TIGRA plus 2K	TIGRA plus 2KL	TIGRA plus 3K	TIGRA plus 3KL
CAPACITY	1000 VA / 900 W		2000 VA / 1800 W		3000 VA / 2700 W	
INPUT						
Nominal Voltage	230V (120-276 VAC Voltage Variation)					
Frequency Range	45 Hz-55 Hz / 54 Hz-66 Hz					
Static ByPass Switch Voltage	230VAC \pm 5%					
Static ByPass Switch Frequency	50Hz \pm 1Hz					
Total Harmonic Distortion (THDi)	\leq 5%					
Power Factor	\geq 0.99 @ nominal voltage (100% load)					
OUTPUT						
Output Voltage	220/230/240 VAC \pm 1%					
AC Voltage Regulation	\pm 1%					
Frequency	50 Hz or 60Hz \pm 0.5 Hz					
Current Crest Ratio	3:1 (max.)					
Harmonic Distortion	\leq 1 % THD (Linear Load) \leq 5 % THD (Non-linear load)					
Overload	100% - 105% Constant, 105%-130% 60Sec (online mode) 10sec (battery mode), 130%-150% for 10sec, >150% for 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 \pm 1%		54.7 VDC \pm 1%		82.1 VDC \pm 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					
Outlets (Schuko)	3 Schuko	2 Schuko	4 Schuko	2 Schuko	4 Schuko	2 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 (kg)	9.2Kg	3.9Kg	17.4Kg	6.4Kg	22.7Kg	6.4Kg
ENVIRONMENT						
Humidity Temperature	$<$ 95 %, 0°C to 40°					
Noise Level	Variable - 40-50dBA @ 1 Meter - depending on load					
Altitude	up to 1000m without derating					
CERTIFICATE						
Certificates	CE, EN62040-1, EN62040-2, EN62040-3					