

NEXUS-MK-TT (UPS 3:3 60 - 200KVA)

MADE IN EUROPE



- True On-Line Double Conversion technology Without transformer - VFI-SS-111
- High frequency IGBT inverter
- Three phase input and output
- Input power factor > 0,99
- Distortion with linear load <2% , with non linear load <3%
- Management of a multi-processor with Auto-Diagnostics
- By-pass automatic and manual standard
- Display + template for clear information on the status of the UPS
- Automatic and manual battery test
- Contact for emergency button (EPO) for immediate shutdown
- Ability to operate in "ECO-Mode" selectable
- Communication by RS-232
- Display and front controls, clamps and guards on the rear
- Possibility to work with any load

Options:

- Isolation transformer input (in other container)
- Ability to work as a frequency converter
- Available in parallel mode and/or redundant
- Harmonic filter
- Remote panel LCD
- SNMP adapter and related software
- Communication board relay alarm



SOFT CONTROL AND MANAGEMENT

MODEL NEXUS		600 MK-TT	800 MK-TT	1000 MK-TT	1200 MK-TT	1600 MK-TT	2000 MK-TT
POWER	POWER (KVA)	60	80	100	120	160	200
	POWER (KW)	48	64	80	96	128	160
INPUT	THREE PHASE VOLTAGE	380 /400 /415 Vac +/-20% 3ph+n					
	THREE PHASE VOLTAGE ON THE BY-PASS	380 /400 /415 Vac +10/-10% 3ph+n					
	FREQUENCY	50Hz +/- 10% - 60Hz +/- 10% (selectable)					
	POWER FACTOR	> 0,99					
	VOLTAGE DISTORTION (THD)	< 3%					
OUTPUT	THREE PHASE VOLTAGE	380 /400 /415 Vac 3ph+n selectable (*)					
	FREQUENCY	Line working : synchronized on line Battery working : 50/60Hz +/- 0,01%					
	OVERLOAD	110% for 60 min. - 125% for 10 min. - 150% for 1 min.					
	WAVEFORM	Pure sinewave					
	VOLTAGE PHASE DISPLACEMENT ANGLE	120 +/- 1%					
	STATIC VOLTAGE CHANGE	+/- 1%					
	CHANGE IN DYNAMIC TENSION	+/- 3%					
	VOLTAGE DISTORSION (THD)	< 2% (linear load) < 3% (not linear load)					
	AC/AC EFFICIENCY at full load	93% - on Eco Mode 98%					
CREST FACTOR (Ipeak/Irms)	3:1						
BATTERIES	TYPE	Maintenance-free sealed lead-acid					
	NUMBER	31+31					
GENERAL NOTES	NOISE (dbA at 1 meter)	< 60 dbA					
	OPERATING TEMPERATURE	0 to 40 °C for UPS - 22-25 °C for the batteries					
	RELATIVE HUMIDITY AT 35° C	<90% not condensing					
	UPS DIMENSIONS(W x D x H) mm	460x805x1190	882x770x1660			1050x800x1905	
	PACKING DIMENSIONS (W x D x H) mm	560x905x1290	982x870x1760			1150x900x2005	
	WEIGHT (KG)	165	320	360	385	550	575
PROTECTION	COMPLIANCE	safety EN 62040-1, EMC EN 62040-2, performance EN 62040-3					
	ELECTRONIC	overload – short circuit – battery low – temperature					
	ELECTRIC	Breaker input – output fuses					
SEGNALLING	MECHANICAL	IP20					
	OPTICAL	Status and operation of the UPS - overload					
	ACOUSTIC	Power failure – low battery – battery test					