

NEXUS-MK-TM (UPS 3:1 15 - 30KVA)

MADE IN EUROPE



- True On-Line Double Conversion without transformer - VFI-SS-111
- High frequency IGBT inverter
- Three phase input – Single phase output
- Input power factor > 0.99
- Distortion with linear load < 2%, with not-linear load < 3%
- Management of a multi-processor with Auto-Diagnostics
- By-pass automatic and manual series
- Display + template for a 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
- Can be connected to any load

Options:

- Isolation transformer input or output (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



SOFTWARE MANAGEMENT

MODEL NEXUS		150 MK-TM	200 MK-TM	300 MK-TM
POWER	POWER (KVA)	15	20	30
	POWER (KW)	12	16	24
INPUT	THREE PHASE VOLTAGE	380 / 400 / 415 Vac +/- 20% 3PH + N		
	FREQUENCY	50 Hz +/- 10% / 60 Hz +/- 10% (selectable)		
	POWER FACTOR	> 0,99		
	VOLTAGE DISTORSION (THD)	< 3%		
OUTPUT	SINGLE PHASE VOLTAGE	220 / 230 Vac 1PH + 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		
	STATIC STABILITY	+/- 1%		
	DINAMIC STABILITY	+/- 3%		
	VOLTAGE DISTORSION (THD)	< 2% (linear load) < 3% (not linear load)		
	EFFICIENCY at full load	93% - Eco Mode 98%		
	CREST FACTOR (I _{peak} /I _{rms})	3:1		
BATTERIES	TYPE	Maintenance-free sealed lead-acid		
	NUMBER	64		
GENERAL NOTES	AUDIBLE 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	Up to 90% not condensing		
	UPS DIMENSION (W X D X H) mm	460x805x1190		
	PACKING DIMENSION (W X D X H) mm	560x905x1290		
	WEIGHT (KG)	115	125	150
PROTECTIONS	COMPLIANCE	safety EN 62040-1, EMC EN 62040-2, performance EN 62040-3		
	ELECTRONIC	overload – short circuit – low battery – over temperature		
	ELECTRIC	Breaker input, output fuses		
SIGNALS	MECHANICAL	IP20		
	OPTICAL	Status and operation of the UPS – overload		
	ACOUSTIC	Power failure – low battery – test battery		