

# NEXUS-TT (UPS 3:3 10 - 40KVA)

MADE IN ITALY



- Technology "On-Line" Double Conversion Transformerless - VFI-SS-111
- Inverter IGBT high frequency
- Three phase input and output
- High AC/AC efficiency
- Microprocessor control with Self-Diagnostics
- By-pass automatic and manual standard
- LCD Display for clear information on the status of the UPS
- Self-timer on and off on weekly and annual basis
- Ability to operate in "ECO Mode" selectable
- Automatic and manual battery test
- Contact for emergency button (EPO) for immediate shutdown
- Extra autonomy
- Remote communication ( double serial)
- Front access
- Can be connected to any load

### Options:

- Interface contact
- USB interface
- Insulation transformer
- Remote control panel
- Starting also without line ( with batteries)
- Management software for RS232 port
- SNMP adapter with software
- Relay contact board
- Frequency and/or voltage convert function
- Ability to operate in parallel
- More autonomy with external battery cabinets



ALARM BOARD



EXT. SNMP



MANAGEMENT SOFTWARE

MODEL NEXUS		100 TT	150 TT	200 TT	250 TT	300 TT	400 TT
POWER	POWER (KVA)	10	15	20	25	30	40
	POWER (KW)	8	12	16	20	24	32
INPUT	THREE PHASE VOLTAGE	380 /400 /415 Vac +/- 15% 3ph + n					
	FREQUENCY	50 Hz +/- 5%					
	POWER FACTOR	> 0,95					
OUTPUT	THREE PHASE VOLTAGE	380 /400 /415 Vac 3ph + n selectable					
	FREQUENCY	Line working: synchronized to line Battery working: 50Hz +/- 0,005%					
	OVERLOAD	110% for 5 min. - 150% for 5 sec.					
	WAVEFORM	Pure sinewave					
	VOLTAGE PHASE DISPLACEMENT ANGLE	120° +/- 1%					
	VOLTAGE DISTORSION (THD)	< 3% (linear load)					
	EFFICIENCY at full load	92% - on ECO Mode 98%					
BATTERIES	AUTONOMY WITH 32 12V/7AH BATTERIES	9'	6'	-	-	-	-
	AUTONOMY WITH 2X32 12V/7AH BATTERIES	20'	12'	8'	6'	-	-
	AUTONOMY WITH 32 12V/24AH BATTERIES	40'	25'	18'	14'	9'	7'
	RECHARGE TIME	8h					
GENERAL NOTES	NOISE (dba at 1 meter)	50 to 60					
	OPERATING TEMPERATURE	0 to 30 °C					
	RELATIVE HUMIDITY AT 35° C	< 90% not condensing					
	UPS DIMENSION (W X D X H) mm	550x700x1250					550x930x1250
	PACKING DIMENSION (W X D X H) mm	645x825x1450					645x1055x1450
	WEIGHT (KG) WITHOUT BATTERIES	180	185	190	195	200	205
	COMPLIANCE	safety EN 62040-1-2, EMC EN 62040-2					
PROTECTIONS	ELECTRONIC	overload – short circuit – low battery					
	ELECTRIC	Magnetic input, output and by-pass – battery fuses					
	MECHANICAL	IP21					
SEGNALLING	OPTICAL	Status and operation of the UPS - overload – low battery					
	ACOUSTIC	Power failure – low battery - overload – battery test					