

# NEXUS

(UPS 1:1 / 3:1 3 - 14KVA)

MADE IN ITALY



- Technology On-Line double conversion with **transformer** - VFI-SS-111
- High frequency IGBT Inverter
- Single phase or three phase input
- Single phase output
- High AC/AC efficiency
- PFC circuit on the input
- Microprocessor control with Self-Diagnostics
- Automatic by-pass standard
- LCD display for more clear information about UPS status
- Turn on and turn off by weekly timer
- Automatic and manual battery test
- Communication port RS-232 and management software
- Double or more autonomy in the standard box or with extension battery box under the box
- Connection possibility for any user

**Option:**

- Interface dry contacts
- USB interface
- SNMP adapter with software
- Remote control panel
- Dry alarm and status contact board
- Manual by-pass
- Emergency Power Off ( EPO)
- First starting also without line
- Available as Voltage and/or Frequency convert
- More autonomy on request
- Available ECO Mode version
- Available with DC voltage on out



**RACK VERSION AVAILABLE**



**DRY ALARM BOARD**



**SNMP EXT.**



**SOFTWARE MANAGEMENT**

MODEL NEXUS		30	40	55	70	100	140
POWER	POWER (KVA)	3	4	5,5	7	10	14
	POWER (KW)	2,1	3	4	5	7,5	10
INPUT	SINGLE PHASE (THREE PHASES option)	230 Vac +10/-20% (option 400 Vac +10/-20%)					
	FREQUENCY	50 Hz +/- 5%					
	POWER FACTOR	> 0,98					
OUTPUT	RATED VOLTAGE	230 Vac +/- 0,5%					
	FREQUENCY	Line working: synchronized to line Battery working: 50Hz +/- 0,005%					
	OVERLOAD	110% for 60 sec. - 130% for 10 sec. - short circuit management					
	WAVEFORM	Pure sinewave					
	VOLTAGE DISTORSION (THD)	< 2% (with linear load)					
	EFFICIENCY at full load	92% - on ECO Mode >98%					
BATTERIES	TYPE	12 V - 7 Ah				12 V - 12 Ah	
	NUMBER	10	12	16	20		
	TYPICAL AUTONOMY	10'				13'	10'
	RECHARGE TIME	8h					
GENERAL NOTES	AUDIBLE NOISE (dba at 1 meter)	40 to 60					
	OPERATING TEMPERATURE	0 to 40 °C					
	RELATIVE HUMIDITY AT 35° C	< 90% not condensing					
	UPS DIMENSION (W X D X H) mm	320x650x650				420x850x670	
	PACKING DIMENSION (W X D X H) mm	420x740x850				530x920x760	
	UPS RACK DIMENSION (W X D X H) mm	483x475x355 (5U+3U)				483x485x577 (7U+3U+3U)	
	UPS RACK PACKING DIMENSION (W X D X H) mm	630x570x710				630x570x1100	
PROTECTIONS	WEIGHT (KG)	90	95	113	132	180	195
	COMPLIANCE	safety EN 62040-1-2, EMC EN 62040-2, EN 62040-3					
	ELECTRONIC	overload - short circuit - low battery					
SIGNALS	ELECTRIC	Input and battery fuses - automatic switch on output					
	MECHANICAL	IP21					
SIGNALS	OPTICAL	Function UPS status - overload - low battery					
	ACOUSTIC	Line failure - low battery - overload - battery test - inverter off					

Dimensions and weights are for models with autonomy indicated; for other autonomies see detailed tables