

NTL

50/60Hz FREQUENCY CONVERTER THREE PHASE 10KVA : 520KVA

The new NTL range uses the modular 19" rack drawer technology and was created to guarantee the best quality and reliability of service.



Each power module works in a "decentralized parallel" with the others, and the complete system autonomously divides the input load.



In the event of a failure of one of the modules, it is automatically excluded (decentralized parallel), thus ensuring a seamless power supply with the remaining modules.



Among the strengths of the NTL modular range we have a system efficiency > 95% (high efficiency), a reduction in repair times and service costs of less than 30' and the centralization of the static switching system that gives greater guarantees.

We recommend the use of the NTL series for Data Centers, Banks, Hospitals, Airports, Emergency Lights and any Industrial application.

Technical data and images may be subject to a change without notice



Display LCD touch screen

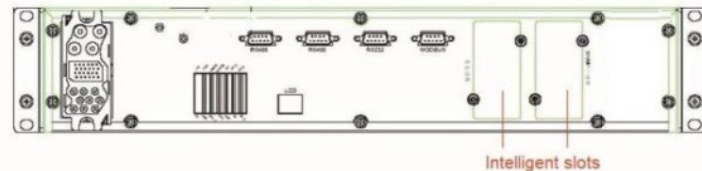
MAIN FEATURES

- Input power factor 0.99
- Harmonic input distortion <2%
- Centralized control display, which allows you to check at any time, (even by removing a single module) the actual power and data related to all modules.
- EPO function
- Display LCD touch screen

COMMUNICATION PORTS:

- 1x RS232 – 2x Rs485
- 1x MODBUS PORT
- 1x CLEAN CONTACTS
- 2x COMMUNICATION SLOT

- The modules use the latest generation of DSP microprocessors, in this way the components are reduced and reliability is increased.



Communication ports

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FRAME (Cabinet type)		150		250		400		600	
Capacity	cabinet (KVA/kW)	50~100	50~150	50~200	50~250	50~300	50~400	50~500	50~600
	Module (KW)	50							
	Standard module	2	3	4	5	6	8	10	12
	Max N. of modules	3		5		6		12	
Input	Phases	3 Phease + Neutral + GND							
	Rated voltage	380/400/415Vac							
	Voltage range	138~485Vac							
	Frequency range	40Hz-70Hz							
	Power factor	≥0.99							
	THDi	≤3% (100% carico non lineare)							
Uscita	Phases	3 Phease + Neutral + GND							
	Rated voltage	380/400/415Vac (set in the factory)							
	Power factor	1							
	Voltage accuracy	±1%							
	Frequency	50Hz or 60Hz ±1% (set in the factory)							
	Crest factor	3:1							
	THD	≤2% linear load							
		≤4% non linear load							
Protection	Overload	Load ≤110%: 60min, ≤125%: 10min, ≤150%: 1min ≥150% immediate turn off							
	Short circuit	Involves entire system							
	Overload	Immediate turn off							
	Self diagnosis	At start up and via software							
	EPO (optional)	Immediate turn off							
	Noise suppression	According to EN62040-2							
Communication interface		RS232, RS485, LBS, Parallel, SNMP card (optional), relay card (optional)							
Environment	Working temperature	0°C~40°C							
	Warehouse temperature	-25°C~55°C							
	Humidity	0%~95% non condensing							
	Altitude	< 1500m							
Display	Display + audible alarms	Grid fault, overload, Internal fault							
	LED	Fault, alarms and normal operation							
	Data reading	Input voltage, input frequency, output voltage, output frequency, load percentage, set of parameters, events log							
Various	FRAME Dimensions (WxDxH) mm	600x850x1200		600x850x1600		600x850x2000		1200x850x2000	
	MODULE Dimensions (WxDxH) mm	440x320x130							
	Cabinet weight (Kg)	145	155	250	265	280	360	480	540
	Module Weight (Kg)	34							
Standards		CE,EN/IEC 62040-3,EN/IEC 62040-1-1							

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