

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

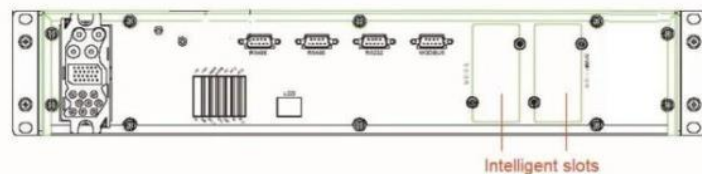
MAIN FEATURES

- 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)			150	200	250	300	200	320	520
Power	system (KVA)		10~150	10~200	25~250	25~300	40~200	40~320	40~520
	Module (KVA)		10/15/20/30	10/15/20	25	25/30	40		
	Module (KW)		9/13.5/18/27		22.5	22.5/27	36		
	Maximum Number of Modules		5	10	10	10	5	8	13
Input	Phases		3 Phases + Neutral + GND						
	Rated Voltage		380/400/415Vac						
	Voltage Range		208~478Vac						
	Frequency Range		40Hz-70Hz						
	Power factor		≥0.99						
	Current THDi		≤3% (100% non-linear load)						
Output	Phases		3 Phases + Neutral + GND						
	Rated Voltage		380/400/415Vac (factory setting)						
	Power factor		1						
	Voltage Regulation		±1%						
	Frequency		50Hz or 60Hz ±0.2% (factory setting)						
	Crest factor		3:1						
	THD		≤2% with linear load						
			≤5% with non-linear load						
Efficiency (in normal mode)			95.5%						
Protection	Overload		Load≤110%: Duration 60min, ≤125%: duration10min, ≤150%: duration 1min ≥150% immediately shuts down the system						
	Short circuit		Involves the entire system						
	Overheating		Shut down the system immediately						
	Self-diagnosis		When switched on and via Software command						
	EPO (optional)		Shut down the system immediately						
	Noise suppression		Complies with EN62040-2						
Communication interface			RS232, RS485, Clean Contacts, Smart Slot, SNMP Card (Optional), Relay Card (Optional)						
Environment	Operating temperature		0°C~40°C						
	Storage temperature		-25°C~55°C						
	Humidity		0%~95% non-condensing						
	Altitude		< 1500m						
Various	FRAME size (PxLxH) mm		840x600 x1400	1100x600x2000			860x600 x1600	860x600 x2000	860x1200 x2000
	MODULE Dimensions (PxLxH) mm		580x443x131						
	Weight (Kg)	Cabinet	150	312			205	310	450
		Module	30KVA=33Kg						
Complies with safety regulations			EC,EN/IEC 62040-2,EN/IEC 62040-1-1						

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