

NCTS-120KL 1+1 (120KVA/96KW) Low Frequency Online UPS

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Product Features

- DSP Technology
- Active input power factor correction (PFC)
- Zero power switch delay
- Active Load Management
- The load power factor is 0.8
- Generator Supportable
- Advanced Current Control
- IGBT power component
- Online Maintenance
- High frequency and double conversion on-line technology
- EPO Function
- ECO energy-saving mode
- Parallel redundancy
- Advanced battery management
- High reliability and power supply
- High efficiency and low cost
- Imitation screen and personality operation interface
- Flexible operation
- Deal for Data Centers in network and Industrial applications
- Perfect for the most demanding and delicate of applications



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Low Frequency Online UPS

Technical Specifications

Model: NCTS-120KL 1+1

Line Mode Specifications

Work way	Online supply power, static bypass switch, double conversion technology	Balance load voltage	< ± 1%; < ± 5% (unbalance load voltage)
Input Phase	Three phase + N + G	Overload ability	125%: 1 minute, 150%: 1 second
Input voltage	380VAC ± 25%	Inverter efficiency	> 91%
Input frequency	50Hz ± 10%,	Transfer time	0 ms
Soft start	0 – 100% 5 second	Communication connector	RS 232, 485 communication management, stem mode
Battery capacity and qty	32 piece (40 piece) / 12 V serial	Temperature	0 – 40 °C
Battery voltage	384 VDC (480 VDC)	Humidity	30% - 90%
Float voltage	405 VDC (540 VDC)	Service altitude	< 1000 meter (each additional 100 meters with 1% decline of power, the highest is 4000 meters)
Charging current	1 A – 40 A (installed according to battery capacity)	Noise (dB)	55 - 65
Rated power	Standard capacity x 0.8	Size (cm)	970*635*1301
Output phase	Three phase + N + G	Weight (KG)	548
Output voltage	380 VAC ± 1% (steady-state load); 380 VAC ± 5% (influenced by load)	Option accessories	Parallel module, harmonic filter, input isolation transformer, smart monitor software, SNMP adaptor
Output frequency	50Hz ± 0.05%, 60Hz ± 0.05% (battery supply)		
Crest factor	3 : 1		
Output wave form	Pure sine wave		
Total Harmonic Distortion	Linear load < 2%, nonlinear load < 5%		
Dynamic voltage transient	< ± 5%		
Instant recovery time	< 10ms		