

Compact UPS-Series NT33

Mode: 3 Phase Input and 3 Phase output
Power range: 50kVA~200kVA(3 Level PF 1:0)



Netcon UPS offers guaranteed power and surge protection for the connected Equipments and devices suitable for Business and Commercial purpose.

Our Online UPS supply seamless backup power during outages and unsafe voltage fluctuations, as well as provide protection from surges and spikes. UPS ranges are available in 'Tower' or 'Rack mount type' to suit your applications, and together with a variety of standard features, they are the perfect choice to protect your data and keep you connected all the way.

Features:

High reliability design

Wide input voltage range 138-485Vac (Phase Voltage 80-280Vac), no derating when input voltage > 305Vac

Power saving

High input power factor, it can be up to 0.99.
3-level inverter topology, the efficiency can be up to 95.5%

Parallel redundancy function

Support parallel expanded operation: maximum is 6 units.
Support sharing batteries for the UPS in parallel

Flexible battery configuration

Batteries number of each group can be selected from 30 pieces to 50 pieces.
Large charging current can meet the requirement of long time back up.

Strong load capacity

Output power factor is 1.0, UPS can supply power unbalance load.

High adaptability for load, it can connect full inductive load or capacitive load.

Compatible with generator

Power walk in function, it can reduce the start current impact to system, and it can reduce the capacity of generator.

LBS function

LBS function can realize 2 independent UPS system work in synchronization, and it enhances the reliability of the system.

Intelligent management

Support USB, RS485, RS232, SNMP, dry contact card.

Compact UPS-III Series

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Technical Specifications:

MODEL	NTCS3350-TY	NTCS3360-TY	NTCS3380-TY	NTCS33100	NTCS33120	NTCS33150	NTCS33160	NTCS33180	NTCS33200	
Capacity(VA/Watts)	50k / 50k	60k / 60k	80k / 80k	100k / 100k	120k / 120k	150k / 150k	160k / 160k	180k / 180k	200k / 200k	
INPUT										
Nominal voltage	380/400/415Vac (3Ph+N+PE)									
Operating voltage range	138~485Vac for 40% load; 305~485Vac for full-load									
Operating frequency range	40~70Hz (50/60Hz Auto-Sensing)									
Power factor	≥0.99									
Harmonic distortion (THDi)	≤3% Linear load									
Bypass voltage range	Max.voltage:220V:+25% (Optional+10%,+15%,+20%) 230V:+20% (Optional+10%,+15%) 240V:+15% (Optional+10%) Min.voltage:-45% (Optional-20%,-30%)									
Frequency protection range	50/60Hz ± 10%									
Generator input	Support									
OUTPUT										
Output voltage	380/400/415Vac (3Ph+N+PE)									
Voltage regulation	± 1%									
Power factor	1.0									
Output frequency	Line Mode	± 1%/ ± 2%/ ± 4%/ ± 5%/ ± 10% of the rated frequency (Optional)								
	Bat. Mode	(50/60 ± 0.2%)Hz								
Crest factor	3:1									
Harmonic distortion (THDv)	≤2% with linear load ≤4% with non linear load									
Overload	AC Mode	Load ≤110%: last 60min, ≤125%: last 10min, ≤150%: last 1min, >150%: turn to bypass immediately							Load ≤110%: last 60min, ≤125%: last 1min, >125%: last 1.2s	
	Bypass Mode	135% overload long time; >1000% overload 100ms								
EFFICIENCY										
Efficiency	up to 95.5%									
BATTERY										
Battery voltage	Optional Voltage: ± 180/ ± 192/ ± 204/ ± 216/ ± 228/ ± 240/ ± 252/ ± 264/ ± 276/ ± 288/ ± 300Vdc(30/32/34/36/38/40/42/44/46/48/50pcs optional); 360Vdc~600Vdc (30~50pcs, 30pcs default, 36~50pcs output power factor 1.0; 32~34pcs output power factor 0.9; 30pcs output power factor 0.8)									
Charge Current (charge current can be set according to battery capacity installed)	20A Max.	40A Max.				60A Max.				
SYSTEM FEATURES										
Transfer time	Utility to Battery: 0ms; Utility to Bypass: 0ms									
Backfeed protection	Support									
Alarm	Overload, utility abnormal, UPS fault, battery low, etc									
Protection	Short circuit, overload, over temperature, battery low, fan fault alarm									
Remote LCD	Support									
Communication	USB, RS232, RS485, parallel port, dry contact, intelligent slot, LBS, SNMP card (Optional), relay card (Optional)									
ENVIRONMENTAL										
Operating temperature	0°C ~ 40°C									
Storage temperature	25°C ~ 55°C (No battery)									
Humidity range	0 ~ 95% (Non condensing)									
Altitude	<1500m, derating required when >1500m									
Noise level	<55dB	<58dB	<60dB	<62dB	<63dB	<64dB	<64dB	<66dB		
PHYSICAL										
Dimension W × D × H (mm)	250 × 828 × 868			442 × 850 × 1200						
Net weight (kg)	80	83	140	160	170	200	205	215	220	
STANDARDS										
Safety	IEC/EN62040-1, IEC/EN62477-1									
EMC	IEC/EN62040-2 (IEC 61000-2-2, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11)									

Specifications are subject to change without prior notice.

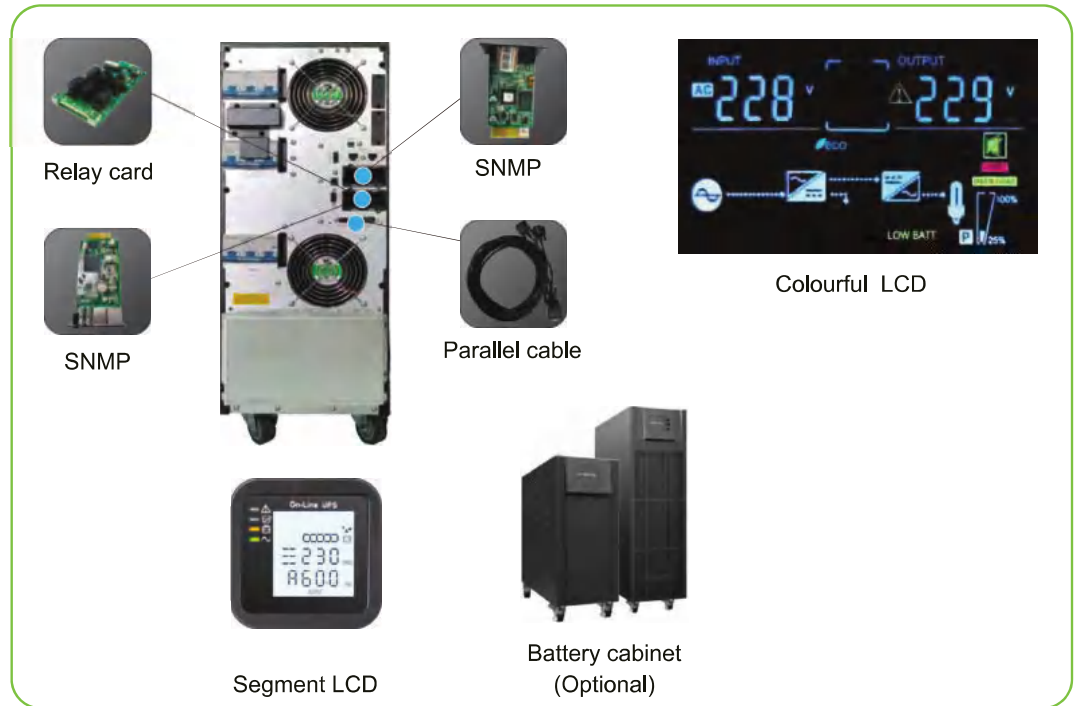


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ORDERING INFORMATION

Tower type- 3P/3P - 10-40 KVA UPS	
NTCS3350-TY	Compact UPS-Series III-3P/3P - 50KVA Tower type online UPS, 1.0PF
NTCS3360 - TY	Compact UPS-Series III-3P/3P - 60KVA Tower type online UPS, 1.0PF
NTCS3380 - TY	Compact UPS-Series III-3P/3P - 80KVA Tower type online UPS, 1.0PF
NTCS33100 - TY	Compact UPS-Series III-3P/3P - 100KVA Tower type online UPS, 1.0PF
NTCS33120 - TY	Compact UPS-Series III-3P/3P - 120KVA Tower type online UPS, 1.0PF
NTCS33150 - TY	Compact UPS-Series III-3P/3P - 150KVA Tower type online UPS, 1.0PF
NTCS33160 - TY	Compact UPS-Series III-3P/3P - 160KVA Tower type online UPS, 1.0PF
NTCS33180 - TY	Compact UPS-Series III-3P/3P - 180KVA Tower type online UPS, 1.0PF
NTCS33200 - TY	Compact UPS-Series III-3P/3P - 200KVA Tower type online UPS, 1.0PF



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