

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

Output

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.

Function

(optional)

Features:

Range

Factor

Conversion

Back-up

High power density

LCD supports Rack / Tower convertible design

N+X parallel redundancy, support maximum 4 units in parallel

Online double conversion with full digital control

Optimization battery group, the quantity of battery: 16 / 18 / 20 pcs (Settable)

Wide input voltage range: 110~286Vac

Wide input frequency range

Generator compatible

ECO mode operation for energy saving

Self-testing when UPS startup

(optional)

Multiple communication interface: RS232 /USB / EPO (Relay card / SNMP card optional)

Parallel kit default

Maximum charging current up to 10A

Cold start

Intelligent fan speed regulation

Multiple protection function: short-circuit,overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



Compact UPS-Pro-III Series

1:1 phase PF 0.9

Power range: 6kVA~10kVA



Technical Specifications:

MODEL		NTCS3EXT106-RY	NTCS3EXT110-RY
Capacity		6000VA / 5400W	10000VA / 9000W
INPUT			
Nominal volta	age	208 / 220 / 2	230 / 240Vac
Input voltage range		110 / 286Vac	
Power factor		≥0.99	
Bypass voltage range		Max.voltage:220V:+25% (Optional+10%,+15%,+20%)	
		230V:+20% (Optional+10%,+15%)	
		·	Optional+10%)
		Min.voltage: -45% (Optiona	al-20%,-30%)
FREQUENCY			
Frequency range		40~70Hz (50/60H	Hz Auto-Sensing)
OUTPUT		000 / 000 / 0	000 (010) (
Output voltage		208 / 220 / 230 / 240Vac	
Voltage regu	lation	±1%	
Power factor		0.9	
Output	Line mode		the rated frequency (Optional)
frequency	Bat. mode	· ·	0.1%) Hz
Crest factor		3:	
Harmonic distortion (THDv)		≤2% Line	
		≤5% Non I	
Transfer time		0.4	ms ms
0	Inverter to Bypass		
Output wave			newave
Overload	Line mode Bypass mode	Load≤110% last 60min; ≤125% last 10min; ≤150% l 40A (Breaker)	last 1min; >150% turn to bypass mode immediately 63A (Breaker)
Efficiency		94	
BATTERY	<u>, </u>		
Battery voltage		±96/±108/±120Vdc (Settable)	
Capacity (Standard unit)		9Ah/12V (7Ah/12V optional)	
Typical recharging time		6~8 hours (to 90% of full capacity)	
Charging current		Max.current 10A (Charging current can be set according to battery capacity)	
INDICATORS		, ,	. , ,,
LED display		Line made Det made ECO made Dunger made Detter Januaritary Overland 9 LIDS fault	
		Line mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault	
LCD display		Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature & Remaining battery backup time	
ALARM			
Battery mode		Beeping every 4 seconds	
Battery low		Beeping every second	
Overload		Beeping twice every second	
Fault		Continuosly beeping	
PHYSICAL			
Dimension W x D x H (mm)		440 x 625 x 86.5	
Net weight (kg)		16	18
ENVIRON	IMENT	l'	-
Operating temperature		0°C~40°C	
Storage temperature		-25°C~55°C	
		20~95% RH @ 0~40°C (Non condensing)	
Humidity range		حات عن من	
Altitude			•
Noise level	anc -	<55dB at 1 Meter	<58dB at 1 Meter
STANDARDS			
Safety		IEC/EN62040-1,IEC/EN62477-1	
EMC		IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61	000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8
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When output voltage is 208Vac,need to derate to 80% of the unit capacity.



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ORDERING INFORMATION

Rack / Tower - 1:1P - 6 - 10 KVA UPS			
NTCS3EXT106-RY	Compact UPS Pro - Series III - Single Phase - 6KVA Rack type online UPS, 0.9PF with external battery pack		
NTCS3EXT110-RY	Compact UPS Pro - Series III - Single Phase - 10KVA Rack type online UPS, 0.9PF with external battery pack		



