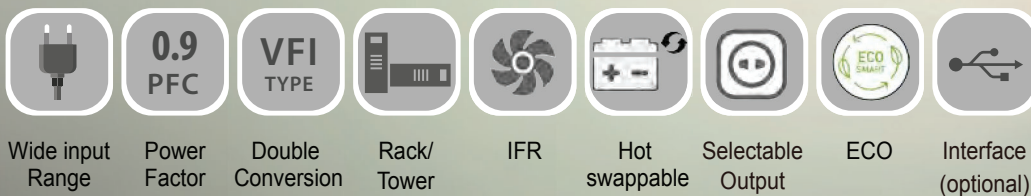


Compact UPS-Series III

1:1 Phase PF 0.9 (PF 1.0 optional)

Power range: 1kVA~3kVA



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:

- | Rack / Tower convertible design
- | Online double conversion with full digital control
- | Wide input voltage range: 110~300Vac
- | Input power factor 0.9 with PFC
- | Selectable output voltage: 208 / 220 / 230 / 240Vac
- | Smart charger design for optimized battery performance
- | Maximum charging current can be expanded to 12A (Long run unit)
- | Emergency power off function (EPO)
- | ECO mode operation for energy saving
- | Generator compatible
- | Hot-Swappable battery design
- | Cold start
- | Intelligent fan speed regulation
- | Load segment settable (Optional)
- | Versatile LCD human-computer interface
- | Multiple communication interface: RS232 (USB / EPO / Relay card / SNMP card optional)
- | Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm

Compact UPS-Series III

1:1 Phase PF 0.9 (PF 0.8/1.0 optional)

Power range: 1kVA~3kVA



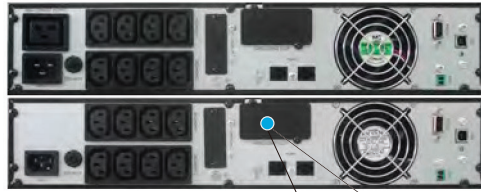
Technical Specifications:

MODEL	NTCS3EXT101-RTY		NTCS3INT101-RTY		NTCS3EXT102-RTY		NTCS3INT102-RTY		NTCS3EXT103-RTY		NTCS3INT103-RTY	
Capacity	1000VA / 900W				2000VA / 1800W				3000VA / 2700W			
INPUT												
Nominal voltage	208/220/230/240Vac											
Input voltage range	110~300Vac (176~280Vac @ 100% load)											
Power factor	≥0.9											
OUTPUT												
Output voltage	208/220/230/240Vac											
Voltage regulation	±1%											
Power factor	0.9											
Output frequency	Line mode		46~54Hz or 56~64Hz									
	Bat. mode		(50/60±0.1%)Hz									
Crest factor	3:1											
Harmonic distortion (THDv)	≤3% Linear load											
	≤5% Non linear load											
Transfer time	AC mode to Bat.mode		0 ms									
	Inverter to Bypass		4 ms (Typical)									
Output waveform	Pure Sinewave											
EFFICIENCY												
AC mode	89%				91%				92%			
Battery mode	85%				87%				88%			
BATTERY												
Battery number	2	3	2	3	4	6	4	6	6	8	6	
Capacity (Standard unit)	9Ah/12V (7Ah/12V optional)											
Typical recharging time	4 hours (to 90% of full capacity)											
Charging voltage	27.4Vdc±1%	41.1Vdc±1%	27.4Vdc±1%	41.1Vdc±1%	54.8Vdc±1%	82.2Vdc±1%	54.8Vdc±1%	82.2Vdc±1%	82.2Vdc±1%	109.6Vdc±1%	82.2Vdc±1%	
Charging current (Max.)	6A/12A		1A		6A/12A		1A		6A/12A		1A	
INDICATORS												
LED display	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	Continuously beeping											
PHYSICAL												
Dimension W x D x H (mm)	440 x 325 x 86.5		440 x 460 x 86.5		440 x 600 x 86.5		440 x 460 x 86.5		440 x 600 x 86.5			
Net weight (kg)	5.6	11.3	14	10.5	19.5	25	11	26				
ENVIRONMENT												
Operating temperature	0°C~40°C											
Storage temperature	-25°C~55°C											
Humidity range	20~95%RH @ 0~40°C (Non condensing)											
Altitude	<1500m,derating required when>1500m											
Noise level	<50dB at 1 Meter											
STANDARDS												
Safety	IEC/EN62040-1,IEC/EN62477-1											
EMC	IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8											

Specifications are subject to change without prior notice.
When output voltage is 208Vac, need to derate to 80% of the unit capacity.

Compact UPS-Series III

1:1 Phase PF 0.9 (PF 0.8/1.0 optional)
Power range: 1kVA~3kVA



Optional socket

Relay card SNMP



Multifunctional bracket



The LCD panel can be rotated



Colourful LCD



Battery cabinet (Optional)



Optimized battery configuration
7Ah / 9Ah (12V)

ORDERING INFORMATION

Rack / Tower - 1P - 1 - 3KVA Internal UPS

NTCS3INT101-RTY	Compact UPS-Series III-Single phase 1KVA Rack / Tower type online UPS, 0.9PF with 12V, 9Ah internal battery
NTCS3INT102-RTY	Compact UPS-Series III-Single phase 2KVA Rack / Tower type online UPS, 0.9PF with 12V, 9Ah internal battery
NTCS3INT103-RTY	Compact UPS-Series III-Single phase 3KVA Rack /Tower type online UPS, 0.9PF with 12V, 9Ah internal battery

Rack / Tower - 1P - 1 - 3KVA External UPS

NTCS3EXT101-RTY	Compact UPS-Series III-Single phase 1KVA Rack / Tower type online UPS, 0.9PF with external battery pack
NTCS3EXT102-RTY	Compact UPS-Series III-Single phase 2KVA Rack / tower type online UPS, 0.9PF with external battery pack
NTCS3EXT103-RTY	Compact UPS-Series III-Single phase 3KVA Rack tower type online UPS, 0.9PF with external battery pack

