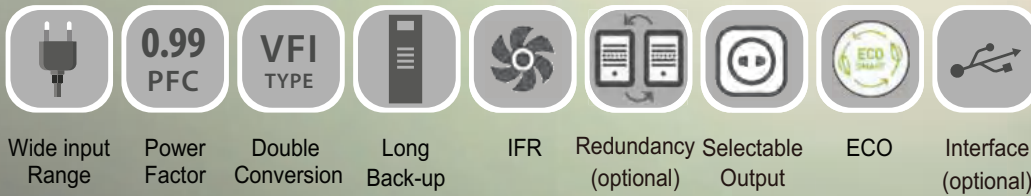
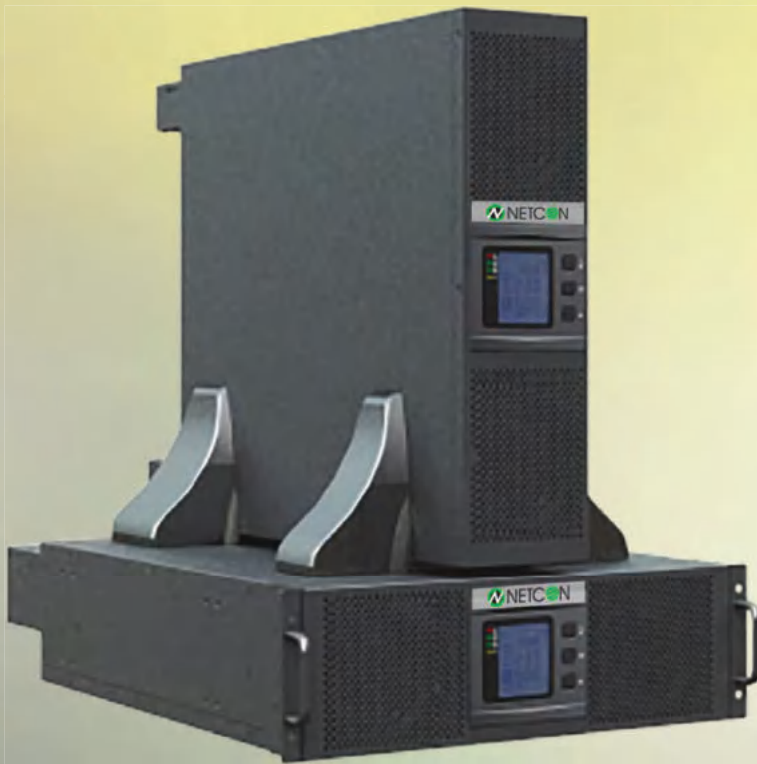


Compact UPS- Series III

3:1 phase PF 1.0 (PF 0.9 optional)

Power range: 6kVA~10kVA



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:

- | LCD supports Rack / Tower convertible design
- | N+X parallel redundancy, support maximum 4 units in parallel
- | Online double conversion with DSP control
- | Input current harmonic: <3%
- | Optimization battery group, the quantity of battery: 16 / 18 / 20 pcs (32~40 pcs supportable)
- | Wide input voltage range: 208~478Vac
- | Wide input frequency range: 40~70Hz
- | Dual input source
- | Support 3/1 and 1/1 operation
- | Generator compatible
- | ECO mode operation for energy saving
- | Cold start
- | Intelligent fan speed regulation
- | Self-testing when UPS startup
- | 50/60Hz frequency converter mode
- | Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm
- | Multiple communication interface: RS232 / RS485 / EPO / Output port / Maintain-AUXSWS port (Relay card / SNMP card / BMS optional)
- | PDU module is optional

Compact UPS- Series III

3:1 phase PF 1.0 (PF 0.9 optional)

Power range: 6kVA~10kVA



Technical Specifications:

MODEL	NTCS33006-RY	NTCS33010-RY
Capacity	6kVA / 6kW	10kVA / 10kW
INPUT		
Nominal voltage	380/400/415Vac (3PH+N+PE) 220/230/240Vac (L+N+PE)	
Operating voltage range	208~478Vac ; 120~270Vac	
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-10%,-20%,-30%)	
FREQUENCY		
Frequency protection range	50/60Hz±10%	
OUTPUT		
Output voltage	220/230/240Vac (L+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 ± 0.1%) Hz
Transfer time	AC mode to Bat.mode	0 ms
	Inverter to Bypass	0 ms
Output waveform	Pure Sinewave	
Crest factor	3:1	
Harmonic distortion (THDv)	≤2% Linear load	
	≤5% Non linear load	
Overload	AC mode	Load≤110%: last 60min; ≤125%: last 10min; ≤150%: last 1min; ≥150% turn to bypass mode immediately
	Bat. modem	Load≤110%: last 10min; ≤125%: last 1min; ≤150%: last 5s; ≥150% shut down UPS immediately
	Bypass mode	Breaker (Load<125%,long-term operation)
EFFICIENCY		
Efficiency	upto 93.5%	
BATTERY		
Battery voltage	±96/±108/±120Vdc (16/18/20pcs optional); (16pcs default, 20pcs no power derating; 18pcs output power factor 0.9; 16pcs output power factor 0.8); ±192/204/216/228/240Vdc (32/34/36/38/40pcs supportable)	
Charging current	12A Max.	14A Max.
PHYSICAL		
Dimension W x D x H (mm)	443 x 580 x 131 (3U)	
Net weight (kg)	27	28
ENVIRONMENT		
Operating temperature	0°C~40°C	
Storage temperature	-25°C~55°C	
Humidity range	0~95% (Non condensing)	
Altitude	<1500m, derating required when>1500m	
Noise level	<53dB at 1 Meter	<55dB 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

3:1 phase PF 1.0 (PF 0.9 optional)
Power range: 6kVA~10kVA



ORDERING INFORMATION

Rack - 3P/1P - 06 - 10 KVA UPS

NTCS33006-RY	Compact UPS-Series III-3P/1P- 06KVA Rack type online UPS, 1.0PF
NTCS33010-RY	Compact UPS-Series III-3P/1P- 10KVA Rack type online UPS, 1.0PF



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