

NCTS-QSTROM PRO 3K996C ONLINE RACK/TOWER CONVERTIBLE UPS

Features

- Rack/Tower convertible design
- Online double conversion with full digital control
- Wide input voltage range: 110~300Vac
- Input power factor 0.99 with PFC
- Selectable output voltage: 220/230/240Vac
- Smart charger design for optimized battery performance
- 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
- PDU with maintenance bypass switch (Optional)



Multifunctional
bracket



The LCD panel can
be rotated



Relay card



SNMP



Blue LCD

NCTS-QSTROM PRO 3K996C

ONLINE RACK/TOWER CONVERTIBLE UPS

Technical Specifications

Model: NCTS-QSTROM PRO 3K996C

Capacity	3000VA / 2700W	
INPUT		
Nominal voltage	220/230/240Vac	
Input voltage range	110~300Vac (176~264Vac @ 100% load)	
Power factor	≥ 0.99	
FREQUENCY		
Frequency range	40~70Hz (50/60Hz Auto-Sensing)	
OUTPUT		
Output voltage	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	0ms
	Inverter to Bypass	4ms (Typical)
Output waveform	Pure Sinewave	
EFFICIENCY		
AC mode	92%	
Battery mode	88%	
BATTERY		
Battery number	6	
Capacity (Standard unit)	9Ah/12V	
Typical recharging time	4 hours (To 90% of full capacity)	
Charging Voltage	82.2Vdc ± 1%	
Charging current (Max.)	1A	
INDICATORS		
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 600 x 86.5	
Net weight (kg)	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, (IEC61000-2-2, IEC61000-4-11, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8)	

1. Specifications are subject to change without prior notice
2. Data above are typical values for reference only, not as a basis for engineering design