

# NCTS-QSTROM 1KVA/9000W

## Online double conversion with full digital control UPS

### Features

- High power density
- Online double conversion with full digital control
- Wide input voltage range: 110-300Vac
- Input power factor 0.99 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
- Cold start
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Versatile LCD human-computer interface
- Multiple communication interface: RS232 (USB/EPO/  
/SNMP card optional)
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm

GTIN 6295151552001



SNMP



Relay card

# NCTS-QSTROM 1KVA/9000W

## Online double conversion with full digital control UPS

### Technical Specifications

Model: NCTS-QSTROM 1K772

#### Technical Specifications:

GTIN 6295151552001

Capacity	1000VA/900W	
<b>INPUT</b>		
Nominal voltage	208/220/230/240Vac	
Input voltage range	110~300Vac (176~264Vac @ 100% load)	
Power factor	≥0.99	
<b>FREQUENCY</b>		
Frequency range	40~70Hz (50/60Hz Auto-Sensing)	
<b>OUTPUT</b>		
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	0ms
	Inverter to Bypass	4ms (Typical)
Output waveform	Pure Sinewave	
<b>EFFICIENCY</b>		
AC mode	88%	
Battery mode	85%	
<b>BATTERY</b>		
Battery number	2	
Capacity (Standard unit)	7Ah/12V	
Typical recharging time	4 hours (To 90% of full capacity)	
Charging current (Max.)	7A	
<b>INDICATORS</b>		
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	
<b>ALARM</b>		
Battery mode	Beeping every 4 seconds	
Battery low	Beeping every second	
Overload	Beeping twice every second	
Fault	Continuously beeping	
<b>PHYSICAL</b>		
Dimension W×D× H	144 × 293 × 209mm	
Net weight	4.1kg	
<b>ENVIRONMENT</b>		
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	
<b>STANDARDS</b>		
Safety	IEC/EN 62040-1, IEC/EN 62477-1	
EMC	IEC/EN 62040-2 (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, IEC 61000-2-2)	

1. When output voltage is 208Vac, need to derate to 80% of the unit capacity
2. Specifications are subject to change without prior notice
3. Data above are typical values for reference only, not as a basis for engineering design