

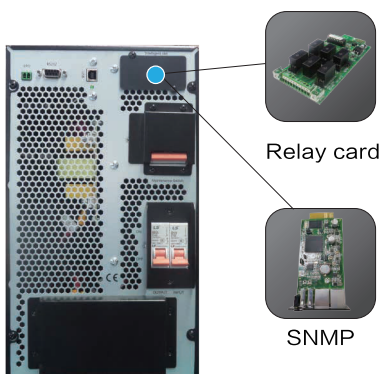
NCTS-QSTROM PRO 10kVA/9kW

Online double conversion with full digital control UPS

GTIN 6295151550328

Features

- Online double conversion with full digital control
- Optimization battery group, the quantity of battery: 16
- Wide input voltage range: 110~286Vac
- Input power factor 0.99 with PFC
- Wide input frequency range
- Selectable output voltage: 220/230/240Vac
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Multiple communication interface: RS232/USB/EPO (Relay card /SNMP card optional)
- Cold start
- Design with maintenance switch (Optional)
- Intelligent fan speed regulation
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



NCTS-QSTROM PRO 10kVA/9kW

Online double conversion with full digital control UPS

Technical Specifications

Model: NCTS-QSTROM PRO 10K9916

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Capacity	10000VA/9000W	
INPUT		
Nominal voltage	220/230/240Vac	
Input voltage range	110~286Vac	
Power factor	≥0.99	
Bypass voltage range	Max.voltage: 230~264Vac Min.voltage: 176~220Vac	
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	± 10% of the rated frequency
	Bat. mode	(50/60 ± 0.1%)Hz
Crest factor	3:1	
Harmonic distortion (THDv)	≤2% Linear load ≤5% Non linear load	
Transfer time	AC mode to Bat.mode	0ms
	Inverter to Bypass	5ms (Typical)
Output waveform	Pure Sinewave	
Overload	Line mode	Load ≤ 105% long time running; ≤ 125% last 10min; ≤ 130% last 30s; > 130% turn to bypass mode immediately
	Bypass mode	63A (Breaker)
Efficiency	Up to 93.5%	
BATTERY		
Battery voltage	240Vdc	
Battery number	16	
Capacity (Standard unit)	9Ah/12V	
Typical recharging time	6~8 hours (To 90% of full capacity)	
Charging current	1.35A (Standard unit); Long run unit Max.current 8A (Charging current can be set according to battery capacity)	
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 seconds	
Overload	Beeping twice every second	
Fault	Continuously Beeping	
PHYSICAL		
Dimension WxDxH	WxDxH: H:191 x 460 x 337mm; S: 191 x 460 x 720mm (With wheel)	
Net weight	71kg	
ENVIRONMENT		
Operating temperature	0°C ~ 40°C	
Storage temperature	- 25°C ~ 55°C	
Humidity range	20~95%RH @ 0~40oC (Non condensing)	
Altitude	<1500m, derating required when>1500m	
Noise level	<58dB at 1 Meter	
STANDARDS		
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)	