

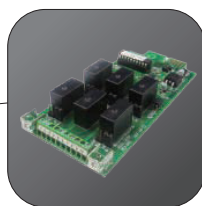
NCTS-QSTROM 6KVA/5400W

Online double conversion with full digital control UPS

Features

GTIN 6295151551981

- Online double conversion with full digital control
- Optimization battery group, the quantity of battery 16/18/20pcs (Settable)
- Wide input voltage range: 110-286Vac
- Input power factor 0.99 with PFC
- Wide input frequency range
- Selectable output voltage: 208/220/230/240Vac
- 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



Relay card



SNMP



NCTS-QSTROM 6KVA/5400W

Online double conversion with full digital control UPS

Technical Specifications

Model: NCTS-QSTROM 6K7716

Technical Specifications:

GTIN 6295151551981

Capacity	6000VA/5400W	
INPUT		
Nominal voltage	208/220/230/240Vac	
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	208/220/230/240Vac	
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	40A (Breaker)
Efficiency	up to 93.5%	
BATTERY		
Battery voltage	240Vdc	
Capacity (Standard unit)	7Ah/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 second	
Overload	Beeping twice every second	
Fault	Continuously beeping	
PHYSICAL		
Dimension W×D× H	H: 191×460×337mm; S: 191×460×720mm (With wheel)	
Net weight	12kg	
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	<55dB 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)	

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