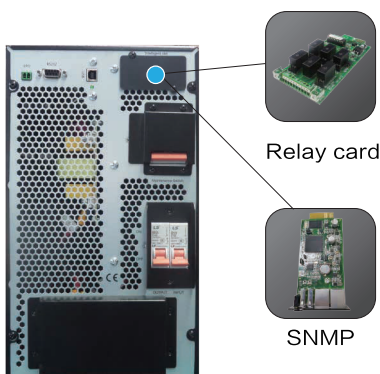


# NCTS-QSTROM PRO 6kVA

## Online UPS 6kVA/5.4kW

### 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 6kVA

## Online UPS 6kVA/5.4kW

### Technical Specifications

Model: NCTS-QSTROM PRO 6K9916

Capacity	6000VA/5400W	
<b>INPUT</b>		
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	
<b>FREQUENCY</b>		
Frequency range	40 ~ 70Hz (50/60Hz Auto-Sensing)	
<b>OUTPUT</b>		
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	40A (Breaker)
Efficiency	up to 93.5%	
<b>BATTERY</b>		
Battery voltage	240Vdc	
<b>Battery number</b>	<b>16</b>	
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)	
<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	H: 191 × 460 × 337mm; S: 191 × 460 × 720mm (With wheel)	
Net weight	69.5kg	
<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	< 55dB 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)	