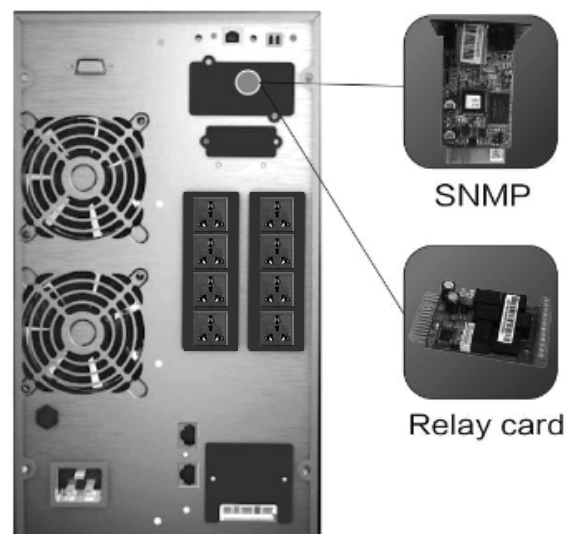


NCTS-QSTROM PRO 3kVA

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: 220/230/240Vac
- Smart charger design for optimized battery performance
- 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/Relay card /SNMP card optional)
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



NCTS-QSTROM PRO

Online double conversion with full digital control UPS

Technical Specifications

Model: NCTS-QSTROM PRO 3K996

Capacity	3000VA/2700W	ALARM	
INPUT		Battery mode	Beeping every 4 seconds
Nominal voltage	220/230/240Vac	Battery low	Beeping every second
Input voltage range	110~300Vac(176~264Vac @ 100% load)	Overload	Beeping twice every second
Power factor	≥0.99	Fault	Continuously beeping
FREQUENCY		PHYSICAL	
Frequency range	40~70Hz(50/60Hz Auto-Sensing)	Dimension Wx Dx H	191x460x337mm
OUTPUT		Net weight	24.5kg
Output voltage	220/230/240Vac	ENVIRONMENT	
Voltage regulation	±1%	Operating temperature	0°C~40°C
Power factor	0.9	Storage temperature	-25°C~55°C
Output frequency		Humidity range	20~95%RH @ 0~40°C (Non condensing)
Line mode	46~54Hz or 56~64Hz	Atitude	<1500m, derating required when>1500m
Bat mode	(50/60±0.1%)Hz	Noise level	<50dB at 1 Meter
Crest factor	3:1	STANDARDS	
Harmonic distortion (THDv)	≤3% Linear load / ≤5% Non linear load	Safety	IEC/EN 62040-1, IEC/EN 62477-1
Transfer time		EMC	IEC/EN62040-2 (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)
AC mode to Bat.mode	0ms		
Inverter to Bypass	4ms (Typical)		
Output waveform	Pure Sinewave		
EFFICIENCY			
AC mode	91%		
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		

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