

# NCTS-QSTROM PRO 2000VA

## 2000VA / 1200W

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### General introduction

This UPS is specially designed for Personal Computer with multi-functions. Its light weight, compact design perfect fits to the limited working environment. The line of UPS is equipped with two boost and one buck AVR to stabilize wide input voltage range. It is also built-in with DC start function. This function enables the UPS to be started up without AC power supply. Although it's a small UPS, The main features of UPS are listed below:

### Features

- Line Interactive UPS with simulated sinewave output
- Excellent microprocessor control guarantees high reliability (Internal self-diagnostic technology)
- Boost and buck AVR for voltage stabilization (Wide input range with two boost and one buck control)
- Off-mode charging
- Fast intelligent battery recharge function
- Generator compatible



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### Technical Specifications

#### Model: QSTROM PRO 2000VA

|                                    |   |
|------------------------------------|---|
| Capacity                           | 2000VA/1200W  |
| INPUT                              | 220VAC  |
| Voltage                            | 220/230/240Vac  |
| Voltage Range                      | 81~145 Vac/162-290 Vac  |
| Frequency Range                    | 50/60Hz (Auto sensing)  |
| <b>Output</b>                      |   |
| AC Voltage Regulation (Batt. Mode) | ±10%  |
| Frequency Range (Batt. Mode)       | 50/60Hz ±1 Hz   |
| Transfer Time                      | Typical 2-6ms, 10ms Max.  |
| Waveform (Batt. Mode)              | Simulated Sinewave  |
| <b>BATTERY</b>                     |   |
| Battery Voltage                    | 24Vdc   |
| Battery Type & Number              | 12V/9Ahx2   |
| Typical Recharge Time              | 6~8 hours recover to 90% capacity   |
| <b>INDICATORS</b>                  |   |
|                                    | AC Mode, Battery Mode, Overload, Fault  |
| LCD Display (LCD version)          | AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Battery Low |
| <b>PROTECTION</b>                  |   |
| Full Protection                    | Short circuit, Overload , Overcharge and overdischarge protection   |
| <b>ALARM</b>                       |   |
| Battery mode                       | Sounding every 10 seconds   |
| Low Battery                        | Sounding every second   |
| Overload                           | Sounding every 0.5 second   |
| Battery Replacement Alarm          | Sounding every 2 seconds  |
| Fault                              | Continuously sounding   |
| <b>OPERATING ENVIRONMENT</b>       |   |
| Humidity                           | 0-90 % RH @ 0- 40°C (Non-condensing)  |
| Noise Level                        | Less than 55dB  |
| <b>PHYSICAL</b>                    |   |
| Approx. Dimension (D×W×H )         | 380x 158x198mm  |
| Approx. Net Weight                 | Approx. 10.5kg  |



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