

NCTS-QSTROM 2KVA/1800W

Online double conversion with full digital control UPS

Features

GTIN 6295151552018

- 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: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12A (Long run unit)
- 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/
/SNMP card optional)
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



SNMP



Relay card

NCTS-QSTROM 2KVA/1800W

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Technical Specifications

Model: NCTS-QSTROM 2K774

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| | | |
|----------------------------|---|--------------------|
| Capacity | 2000VA/1800W | |
| INPUT | | |
| Nominal voltage | 208/220/230/240Vac | |
| Input voltage range | 110~300Vac (176~264Vac @ 100% load) | |
| Power factor | ≥0.99 | |
| 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 | 46~54Hz or 56-64Hz |
| | Bat. mode | (50/60±0.1%)Hz |
| Crest factor | 3:1 | |
| Harmonic distortion (THDv) | ≤3% Linear load ≤5% Non linear load | |
| Transfer time | AC mode to Bat.mode | 0ms |
| | Inverter to Bypass | 4ms (Typical) |
| Output waveform | Pure Sinewave | |
| EFFICIENCY | | |
| AC mode | 90% | |
| Battery mode | 87% | |
| BATTERY | | |
| Battery number | 4 | |
| Capacity (Standard unit) | 7Ah/12V | |
| Typical recharging time | 4 hours (To 90% of full capacity) | |
| Charging current (Max.) | 7A | |
| 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 | 191 × 460× 337mm | |
| Net weight | 10kg | |
| 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 | <50dB 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