

R SERIES (1-2-3 KVA)



Temiz enerji



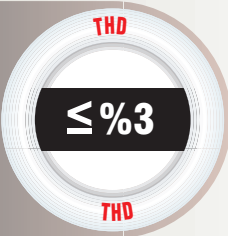
Yüksek verim



Doğa dostu teknoloji



Tüm cihazlara Uyumlu



19" Rack Mount on line power protection

We have placed high performance of C series into server cabinets. Thus, user-friendly product with LED or LCD display and none unnecessary details have become a component of RACK cabinets.

19" Rack Mount on-line güç koruması

C serisinin yüksek performansını server kabinlerinin içine koyduk. Böylece kullanıcı dostu, gereksiz detaylardan arındırılmış, LCD veya LED ekranlı on-line ürün Rack kabinlerinin bir bileşeni haline geldi.

TECHNICAL SPECIFICATIONS

| MODEL | R SERIES | R1K | R2K | R3K |
|-------------------------------|--|---|--------------------------|-----------------|
| Input rectifier | Power (VA/Watt) | 1000VA/700W | 2000VA/1400W | 3000VA/2100W |
| | N+1 Parallel study (VA/W) | - | | |
| | Voltage and Voltage tolerance | 220VAC, 1 phase + neutral, 110~300VAC | | |
| | According to the load input voltage range | 0-60% load, 110 VAC, 120 VAC load 61-70%, 71-80% load, 140 VAC, 81-100% load, 160 VAC to the battery switch, 0-100% load to the battery switch to 300 VAC, Back to the 285 VAC load to the network ($\pm 5\%$ V tolerance) | | |
| | Power factor | 0.97 | | |
| | Currency | 5 Ampere | 9.6 Ampere | 12 Ampere |
| | Frequency | 46~54 Hz, 50/60 Hz | | |
| Output inverter by-pass | Power factor range | 0.65~1 | | |
| | Voltage and Voltage tolerance | 220VAC $\pm 2\%$ | | |
| | Dynamic response | 0 - 100% load change to maximum deviation <5% | | |
| | Correction time | Dynamic load change input time 150 ms, within the limits $\pm 2\%$ | | |
| | Frequency and Frequency range | 50 Hz, ± 0.2 Hz on battery | | |
| | Voltage waveform | Sinüzoidal | | |
| | Total harmonic distortion (VTHD) | Linear load $\leq 2\%$ | Linear load $\leq 3\%$ | |
| | Crest factor | 3 : 1 | | |
| | Overload capacity | 30 sec in the range of 100 ~ 150% load. > 300 ms at 150% load | | |
| | Short-circuit protection | Electronic short circuit protection | | |
| | By-pass and the transfer time | Standard static by-pass, mains battery seamless transition, the transition to bypass the typical 2.5 ms | | |
| By-pass range and setting | 80 ~ 286 VAC, adjustable stand for the by-pass operation can be activated or deactivated | | | |
| Battery | Battery type and battery placement | Maintenance-free battery, interior for 1 kVA, In the external battery cabinet for 2-3 kVA | | |
| | Capacity and pieces | 12V 7Ah x 3 pcs | 12V 7Ah x 8 pcs | 12V 7Ah x 8 pcs |
| | Battery duration(100% PC load) | 8 minutes | 13 minutes | 6 minutes |
| | Surface charge voltage | 41.1 \pm 0.6 VDC | 110 \pm 0.4 VDC | |
| | Discharge end voltage | 30.6 VDC | 81.6 VDC | |
| | Battery charge current and charge time | 1 Ampere after full discharge 5-hour charge to 90% capacity | | |
| Indicators and control | Type | Graphic LCD or LED display | | |
| | Control panel | Touch keys (on / off, audible alarm cancellation, up / down, Input) | | |
| | Measurements and alerts | UPS status, input / output, Voltage & Frequency,% load, load the VA or W, battery capacity & voltage, alerts & alarm messages | | |
| Protection | Indicators | Energy flow chart showing the mimic diagram, measured values, warnings, errors, and the settings | | |
| | Overload | Electronic overload protection period, without interruption after the load is transferred to the by-pass | | |
| | Short circuit | Electronic protection, the inverter automatically switches off | | |
| | Overheated | Internal temperature is 90 °C, the load is transferred by-Pass, <80 °C inverter is running | | |
| Audible warnings | Modem/network protection | Modem / network protection for errors in the input and output voltage pulse | | |
| | Form of warning and alerts | Buzzer, audible warning can be disabled by pressing cancel. Battery operation, low battery, UPS fault, overload, short circuit, excessive heat and so on. different audio signals for fault conditions. | | |
| Communication | Interface and protocol | Communication port RS232 (DB9 type), optional support for SNMP or AS400 | | |
| | Software | Free, over a network that allows access and control a single UPS is monitored on the display a large number of software and the Windows family, Linux, Sun Solaris 7/8/9, IBM Aix 4.3 & 5.1x, HP UX 11.x, Compaq True 64, SGI Irix Free BSD, Unix System, Apple Macintosh support | | |
| General | Total efficiency at 100% load | 85% | 90% | |
| | Noise level | < 42 dBA | < 45 dBA | |
| | Electromagnetic compatibility | EN 50 1-2 class B, EN 50091-1, EN61000-2-3, EN61000-3-2, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5 | | |
| | Operating temperature and humidity | 0 °C ~ 40 °C, 20% ~ 90 (non-condensing) | | |
| | Storage temperature | -25 °C ~ 70 °C | | |
| | Protection class | IP 20 | | |
| | Cooling mode | The fan and the cooling load-dependent variable | | |
| | Working height | < 2000 m (sea level) | | |
| | UPS dimensions (WxDxH) mm | 483x889x365 (2U) | | |
| | Battery cabinet dimensions (WxYxH) mm | - | 483x889x365 (2U) | |
| Weight, UPS+Battery module kg | 15.3 | 10.3 + 25.3 (total 35.6) | 11.2 + 25.3 (total 36.5) | |