

Item no.: 399318

RT33020KE - 3-3 phase 48.26cm 19inch UPS 20,000VAW 3U double converter

from **5.772,19 EUR**

Item no.: 399318
 shipping weight: 0.10 kg
 Manufacturer: CyberPower



Product Description

CyberPower RT33020KE ensures the highest quality power protection for IT applications such as servers, FTTx devices, network devices and NAS / storage devices. The product is equipped with double conversion online topology and is ideal for server room and data centre protection. With integrated IGBT technology and intelligent DSP-based control, the RT33 UPS generates less harmonic distortion (THDi) overall and thus achieves higher energy efficiency. The microprocessor system also intelligently controls the entire charging and discharging process, thereby improving the service life of the battery. The UPS system can be configured to 3-phase / 3-phase or 3-phase / 1-phase depending on the user's requirements. It has a modular design and fits into all standard 19-inch rack cabinets. The 5.5-inch colour LCD touch screen with graphic display provides detailed information and is easy for the customer to operate.

Features- Three-phase design- ECO operation- Flexible system configuration- Modular rack design- LCD colour display- Dual input- Generator compatible- Cold start in battery mode- SNMP / HTTP remote management capability (optional)- External battery extension (EBM)- Online (double conversion) UPS topology- Extra compact design- High output power factor- Rack / tower configuration- LCD control panel- UPS parallel expansion capability- Pure sine wave power supply- Intelligent battery management - SBM Intelligent battery management (SBM)- PowerPanel management software

What is included in the delivery- RT33020KE- Rackmount rails- Rackmount bracket- IEC extension- User manual

SPECIFICATION GENERAL- Phase: Three phases- Enclosure type: Rack, Tower- UPS topology: Online double conversion- Energy saving technology: Online ECO mode efficiency > 98%- Efficiency normal operation (%): 95.5%- Efficiency battery operation (%): 95.5%- Active PFC compatibility: Yes- Parallel expansion (max. number): 4

INPUT- Dual Power Inputs: Yes- Generator Compatibility: Yes- Nominal Input Voltage (Vac): Phase to Phase (L-L):380, 400, 415 Vac, Phase to Neutral (L-N):220, 230, 240 Vac- Input Voltage Range (Vac):Phase to Neutral (L-N): 132 ~ 276 VacPhase to Phase (L-L): 228 ~ 478 Vac- Configurable Voltage Range (Vac): Phase to neutral (L-N): 220 ~ 250 VacPhase to phase (L-L): 380 ~ 435 Vac- Input frequency (Hz):50 ± 360 ± 3- Input frequency range (Hz): 40 ~ 70- Rated input current (A): 31- Input power factor: 0.99- Input connector type: Cable terminal block

OUTPUT- Power (VA): 20000- Power (Watt): 20000- Waveform battery operation: Pure sine wave- Output voltage setting: Configurable- Output frequency setting: Configurable- Rated output voltage (Vac): Phase to Phase (L-L):380, 400, 415 Vac, Phase to Neutral (L-N):220, 230, 240 Vac- Output Voltage Tolerance (%): 1.5 %- Output Frequency (Hz ± %): 50 ± 0.160 ± 0.1- Power factor: 1- ECO operation voltage tolerance: ± 10 %- Overload protection: Internal current limiter, automatic circuit breaker, fuse- Overload protection (mains operation): 105~110% load for 60 min, 110~125% load for 10 min, 125~150% load for 1 min, >150% load immediately- Overload protection (battery operation): 105~110% load for 60 min, 110~125% load for 10 min, 125~150% load for 1 min, >150% load immediately- Overload protection (bypass mode): 125~130% load for 10 min, 130~150% load for 1 min, 150~400% load for 1 sec, >400% load immediately- Crest factor: 3 : 1- Harmonic distortion (linear load): THD?1%- Harmonic distortion (non-linear load): THD?6%- Internal bypass: Automatic bypass, Manual bypass- Outputs: Cable terminal block x 1- Typical switching time (ms): 0

BATTERY- Compatible battery types: VRLA, AGM, Gel, Wet- Charge current rating (%): Default 10% (Selectable from 1~20% x UPS Capacity)- Recharge setting: Configurable- Charging voltage tolerance (%): ? 1 %- Start in battery mode: Yes- Smart battery management (SBM): Yes- User replaceable: No, only with authorised service- Battery system: External battery extension- Battery voltage (V): ±240 (480)- Compatible external battery module (EBM): BM240V63ART3U- Compatible External Battery Cabinet (EBC): SMBF17, SMBF20, SMBF26, SMBF40, SMBF65, BCA100N125, BCA12N63, BCA20N125, BCA40N125- Number of external batteries: 12V x 40pcs.

FILTERS & OVERVOLTAGE PROTECTION- EMI and RFI filters: Yes

MANAGEMENT & COMMUNICATION- LCD display: Yes- LCD version: Colour LCD, LCD control panel- LCD orientation: Rotatable LCD - Manual- LCD display: Operating Mode, Power Display, Battery Status, Load Status, Error & Warning, More Information, Event & Log- LCD Setting & Control: Mode Settings, Input & Output, Battery Settings, Communication, Event & Log, Security Settings, Language- LED Indicators: Yes- Serial connection: RS232 x 1 + RS485 x 1 + contact interface x1- Switching contact (relay): Yes- Audible alarms: battery operation, low battery status, overload, overcharge, overtemperature, UPS error, change battery- Management cable (pcs): IEC extension x1- Management software: PowerPanel Business 4 (Recommended)- SNMP / HTTP remote monitoring: Yes - with optional RMCARD205

PHYSICAL- Compatible with racks (3 phases): Yes- Housing construction: Metal- Colour: Black- Ingress protection: IP20- Rack rails: Yes- Rack angle: Yes- Extra compact design: Yes

PHYSICAL SIZE - UPS UNIT- Dimension (WxHxD) (mm.): 438 x 130 x 750- Weight (kg.): 27- Installed rack height (U): 3

SHIPPING DIMENSIONS- Dimension (WxHxD) (mm.): 575 x 270 x 950- Weight (kg.): 34

ENVIRONMENT- Operating temperature (°C): 0 ~ 40- Operating relative humidity (non-condensing) (%): 0 ~ 95- Operating altitude (Feet/Metre): ?1000, load reducing 1% per 100m from 1000m and 2000m- Storage temperature (°C): -40 ~ 70- Storage Relative Humidity (non-condensing) (%): 0 ~ 95

CERTIFICATIONS- Certifications: CE, BSMI, IEC62040-1, IEC62040-2

SPECIAL FEATURES- Phase Configuration (3 phase): Yes

Specifications

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prices and availability

