

Item no.: 344142

OL5KERTHD - Rack UPS 5000VA / 5000W 2U double converter UPS

from **3.172,73 EUR**

Item no.: 344142
 shipping weight: 0.10 kg
 Manufacturer: CyberPower



Product Description

CYBERPOWER OL5KERTHD Rack UPS 5000VA / 5000W 2U double converter UPS

CyberPower OL5KERTHD guarantees the highest quality backup protection for IT devices, servers, workstations, NAS / storage devices, telecommunication devices, network devices, security / emergency systems and surveillance systems. The UPS uses the double conversion topology to provide a high quality permanent supply and this in a very compact form. The UPS is generator compatible and has hot-swappable batteries for maintenance without interrupting the power supply. In addition, it has an ECO mode, which allows the circuit to be optimized, thus reducing power consumption and saving energy costs.

External battery extensions (EBM) can be connected to the UPS to extend the runtimes. For an optimal battery life, the UPS uses our patented battery management technology, in which the battery voltage of the individual batteries is adjusted. The tiltable color LCD display allows users to see key power and battery information at a glance. With the PowerPanel® Power Management Software, users can monitor the UPS in real time, control it remotely or shutdown servers.

- Online (double conversion) UPS topology
- Extra compact design
- High output power factor
- Tilttable LCD panel
- Surge and lightning protection
- Generator Compatible
- Hot-swappable batteries
- Intelligent battery management (SBM)
- SNMP / HTTP remote management capability
- ECO operation
- LCD color display
- Fast charging technology
- Automatically rotatable LCD
- Critical / non-critical outcomes
- Battery management technology
- External battery extension (EBM)
- Emergency stop (EPO) connection
- PowerPanel® management software

General

- Phase: single phase
- Housing shape: tower, rack
- UPS topology: online double conversion
- Energy Saving Technology: Online ECO Mode Efficiency > 97%
- Active PFC compatibility: Yes

Entrance

- Generator Compatibility: Yes
- Nominal input voltage (Vac): 200 ± 2%, 208 ± 2%, 220 ± 2%, 230 ± 2%, 240 ± 2%
- Input voltage range (Vac): 200 ~ 240
- Adjustable voltage range (Vac): 0 ~ 25% load from 120 ~ 139 Vac, 0 ~ 50% load from 140 ~ 159 Vac, 0 ~ 75% load from 160 ~ 179 Vac, 0 ~ 100% load from 180 ~ 280 Vac
- Input frequency (Hz): 50 ± 10, 60 ± 10
- Input frequency detection: auto detection
- Nominal input current (A): 24
- Input power factor: 0.99
- Input connector type: cable terminal block

Exit

- Output (VA): 5000
- Power (watt): 5000
- Waveform battery operation: Pure sine wave
- Output voltage (Vac): 200 ± 2%, 208 ± 2%, 220 ± 2%, 230 ± 2%, 240 ± 2%
- Output voltage setting: Configurable
- Frequency of battery operation (Hz): 50 ± 0.5%, 60 ± 0.5%
- Output frequency setting: Configurable
- Power factor: 1
- ECO operation voltage tolerance: ± 10%, ± 15%
- Overload protection: internal current limitation, automatic circuit breaker, fuse
- Overload protection (mains operation): 105 ~ 125% load for 1 min, 125 ~ 150% load for 10 sec
- Overload protection (battery operation): 105 ~ 130% load for 10 sec, 130 ~ 150% load for 2 sec
- Overload protection (bypass operation): automatic circuit breaker
- Crest factor: 3: 1
- Harmonic distortion (linear load): THD ? 3%
- Harmonic distortion (non-linear load): THD ? 5%
- Internal bypass: automatic bypass, manual bypass
- Outcome - total: 7
- Output - Critical Load (CL): 4
- Output - non-critical load (NCL): 3
- Typical switching time (ms): 0

battery

- Running time at half load (min): 6.4
- Running time at full load (min): 2.3
- Typical charging time (hours): 4
- Start in battery mode: Yes
- Intelligent battery management (SBM): Yes
- User replaceable: Yes - Qualified personnel only
- Type of battery: maintenance-free lead gel
- Replacement battery RBP: RBP0144
- RBP number (pcs): 1
- Number of battery (s) (per RBP) (pcs): 12
- Voltage battery (s) (Pro RBP) (V): 144
- Compatible external battery module (EBM): BPE144VL2U01 (Built-in Charger)
- Max. EBM number (pcs): 10

Filters & amp; Surge protection

- Overvoltage protection (Joules: 2430)
- EMI and RFI filter: Yes

Management & amp; Communication

- LCD display: Yes
- LCD version: color LCD
- LCD alignment: Rotatable LCD - Automatic, Rotatable LCD - via setting
- Tiltable LCD panel: 18 °
- LCD display: operating mode, power display, battery status, load status, error & amp; Warning, Additional Information, Event & amp; Log
- LCD setting & amp; Controls: Mode Settings, Setting Alarm, Input & amp; Output, battery settings, errors & amp; Warning, Communication, Event & amp; Log, security settings, language
- LED displays: Operation status
- HID compatible USB port: 1
- Emergency stop (EPO) connection: Yes
- Acoustic alarms: battery operation, low battery status, overload, overcharging, overtemperature, UPS error, change battery
- Management cable (pc): USB cable x1, serial cable x1
- Management software: PowerPanel@Business (Recommended)
- SNMP / HTTP remote monitoring: Yes - RMCARD205 included

Physically

- Housing construction: metal
- Color: Black
- Rack rails: Yes
- Rack angle: Yes
- Extra compact design: Yes

Physical size - UPS unit

- Dimensions (WxHxD) (mm.): 433 x 86.5 x 720
- Weight (kg.): 42
- Installed rack height (U): 2

Environment

- Operating temperature (° C): 0 ~ 40
- Operating relative humidity (non-condensing) (%): 20 ~ 90
- Operating altitude (meters): 0-300 meters
- Storage temperature (° C): -20 ~ 50
- Storage Relative Humidity (non-condensing) (%): 5 ~ 95
- Storage height (meters): 0-4,500 meters
- Online thermal losses (BTU / h): 1186
- Audible noise at 1.0M distance from the unit: 43 ~ 66 dBA (0 ~ 100% load)

Certifications

- Certifications: CE
- RoHS: Yes

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prices and availability



