

C500R

6 - 10kVA Online Double Conversion

Suggested applications:

Small data centres, server rooms, IT facilities, telecoms and networking

When positioned in a rackmount form, the C500R has a capacity of 6kVA/5.4kW contained within 3U and 10kVA/9kW contained within 5U. The C500R includes internal batteries providing standard runtimes.

For a more resilient solution, an additional UPS unit can also be connected in parallel to share the critical load or provide N+1 redundancy.

Key Features

- Eco-mode function
- 0.9 power factor
- Network management for alerts & scheduled shutdowns
- USB connectivity & HID functionality
- Expandable runtime with additional battery modules
- Rackmount rails included

TECHNOLOGY: C500R, 10kVA

APPLICATION: DATA CENTRE

OBJECTIVE: TO ENSURE 24/7 POWER

"The world's most recognised high street bank, which prides itself on its customer service requires clean, even and assured power at all times. One element of the banks data centre infrastructure which supports the banks automatic cash dispensers is being supported by a collection of C500R UPS systems. These resilient and high efficiency backup power solutions are compact and versatile making them ideal for environments where space is at a premium."



ECO mode function



USB connectivity & HID compatible



Pure sinewave output



Intelligent communication slot



High efficiency



Additional battery connection



Parallel connection



Online double conversion



Virtualisation compatible



Smartphone app monitoring



Maintenance bypass switch



| MODELS | C500R-060-B | C500R-060-C | C500R-100-B | C500R-100-C |
|---------------------------------|---|--|-----------------------------------|--|
| Power (VA) max | 6 | | 10 | |
| Power (W) max | 5.4 | | 9 | |
| INPUT | | | | |
| Voltage | 220/230/240VAC | | | |
| Voltage Tolerance | 120-276VAC | | | |
| Frequency | 50/60Hz | | | |
| Frequency Tolerance | ±10% | | | |
| Phase | Single | | | |
| OUTPUT | | | | |
| Power Factor | 0.9 | | | |
| Waveform | Pure Sinewave | | | |
| Voltage | 208/220/230/240VAC | | | |
| Frequency | 50/60Hz ±10%* | | | |
| Efficiency | 92% Online Mode | | | |
| Phase | Single | | | |
| BATTERY | | | | |
| Runtime | 3 Minutes | N/A | 5 Minutes | N/A |
| DC Voltage | 180VDC | | 240VDC | |
| Charger Capacity | 1A | 8A | 1.7A | 8A |
| MECHANICAL | | | | |
| Weight | 46kg | 19kg | 82.5kg | 26kg |
| Dimensions (WxDxH) | 440 x 700 x 129mm | | 440 x 705 x 216mm | |
| AC Outlets | 2 x IEC C13, 1 x IEC C19, 1x Terminal Block | 2 x IEC C13, 2 x IEC C19, 1x Terminal Block | 4x IEC C19, 1 x Terminal Block | 4 x IEC C13, 2 x IEC C19, 1x Terminal Block |
| ENVIRONMENTAL | | | | |
| Operating Temperature Tolerance | UPS: 0°C - 40°C, Batteries: 20 - 25°C | | | |
| Storage Temperature Tolerance | UPS: -10°C - 50°C | | | |
| Relative Humidity | 0-95% Relative Humidity (Non Condensing) | | | |
| Operating Altitude Tolerance | >1000m | | | |
| FEATURES | | | | |
| Communication | USB & RS232 Connectivity | | | |
| Optional Comms | SNMP, Relay, Modbus | | | |
| Functions | EPO, USB, Expandable Battery Modules, Rotatable LCD Display, Dual Input | | | |

Full technical specification and product information can be found at www.certaups.com



* Image shown is reverse of C500R-060-C

- 1. Hardwired input and output terminals
- 2. C13 / C19 IEC outlets
- 3. Intelligent port
- 4. USB / RS232
- 5. Battery connection terminal
- 6. Parallel port

*Derate to 80% during Frequency Converter Mode.

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