

C500

6 - 10kVA Online Double Conversion

Suggested applications: Sever rooms and small data centre environments

The C500 can be installed with internal batteries as standard. This removes the need for external battery cabinets on standard run times, enabling you to maximise valuable floor space.

Additional flexibility is achieved for the C500 through its sophisticated design. The selectable input between single phase and three phase allows users to retain electrical infrastructure and save costs where applicable.

Key Features

- Wide input voltage window
- Selectable output voltage
- Frequency converter feature
- EPO connection
- Future expansion or redundancy
- Plug n play parallel kits
- Internal manual bypass
- Small footprint

TECHNOLOGY: C500, 10kVA

APPLICATION: NHS RECOVERY WARDS

OBJECTIVE: TO PROVIDE CRITICAL POWER BACKUP

"A leading NHS trust within a large teaching hospital is now supported by CertaUPS. Due to the nature of the environment any loss in power could have catastrophic and life threatening consequences. Installed to protect critical equipment within the recovery wards, the C500 is providing essential power protection for the trust."



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	C500-060-B	C500-060-C	C500-100-B	C500-100-C
Power (VA) max	6		10	
Power (W) max	5.4		9	
INPUT				
Voltage	220/230/240VAC			
Voltage Tolerance	110-276VAC			
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	7 Minutes	N/A	5 Minutes	N/A
DC Voltage	240VDC			
Charger Capacity	1.2A	4A	1.2A	4A
MECHANICAL				
Weight	86kg	34kg	92kg	37kg
Dimensions (WxDxH)	260 x 550 x 710mm			
AC Outlets	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, LCD Display			

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



* Image shown is reverse of C500-100-B/C

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|---|------------------------|
| 1. Input / output terminals (hardwired) | 4. AS400 / USB / RS232 |
| 2. Input breakers | 5. Parallel port |
| 3. Intelligent port | 6. Maintenance bypass |

*Derate to 90% with 208V voltage. **Derate to 60% during Frequency Converter Mode.

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