CertaUPS

C500 6kVA - 10kVA

Online double conversion

Suitable for industry applications where space is limited, in particular within medical and IT environments.

Designed using the highest level of protection (Online Double Conversion), the CertaUPS C500 tower series delivers up to 25% more usable power than other manufacturers thanks to a 0.9 output power factor.

The C500 comes complete with internal batteries as standard, eliminating the need for external battery cabinets on standard run times, minimising the footprint and therefore maximising floor space for other equipment.

This range is extremely low maintenance and has been designed as a genuine 'easy parallel' UPS solution, where up to four C500 units can be connected in parallel as and when required. This added flexibility to enable further capacity or redundancy, makes the new C500 range a true future proof investment.

- ECO mode function
- USB connectivity & HID support
- Pure sinewave output
- Intelligent communication slot
- High efficiency
- Additional battery connection
- Parallel connection
- Online double conversion
- Virtualisation compatible
- Smartphone app monitoring
- Maintenance bypass switch

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C500 6kVA - 10kVA Product Specification

MODELS	C500-060-B	C500-060-C	C500-100-B	C500-100-C
Power (kVA) max	6		10	
Power (kW) max	5.4		9	
INPUT				
Input Voltage Window	110-276VAC			
THDi	<5%			
Input Power Factor	≥0.99			
Input Frequency Range	45-55 / 54-66Hz			
Generator Set Sizing	1.5 x UPS Rating Power			
OUTPUT				
Output Voltage	208*/220/230/240VAC			
Waveform	Pure Sinewave			
Voltage regulation	±1%			
Transient recovery	100ms (IEC 62040-3 non-linear load)			
Output Frequency	50/60±0.1Hz**			
Inverter Mode to ECO Mode	0ms			
Efficiency in ECO mode	>96%			
Overload Capability (Normal operation)	125% for 10 minutes; 150% for 1 minute; >150% for 10 seconds			
Parallel	Up to 4 units for capacity or redundancy			
BATTERY				
DC Voltage	240VDC			
Back-up time (full load)	>7 minutes	Charger only	>5 minutes	Charger only
Charging current (max)	1.2A	4.0A	1.2A	4.0A
Charging time	5h charge to 90% depending on the capacity of external batteries			
MECHANICAL				
Dimensions W x D x H (mm)	260 x 550 x 708			
Weight (Kg)	80	26	84	30
AC Outlets	Hardwired			

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

Full technical specification and product information can be found at **www.nsse.co.uk**