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CertaUPS

LINE INTERACTIVE
800 - 3000VA

ONLINE DOUBLE
CONVERSION
3000VA - 20kVA

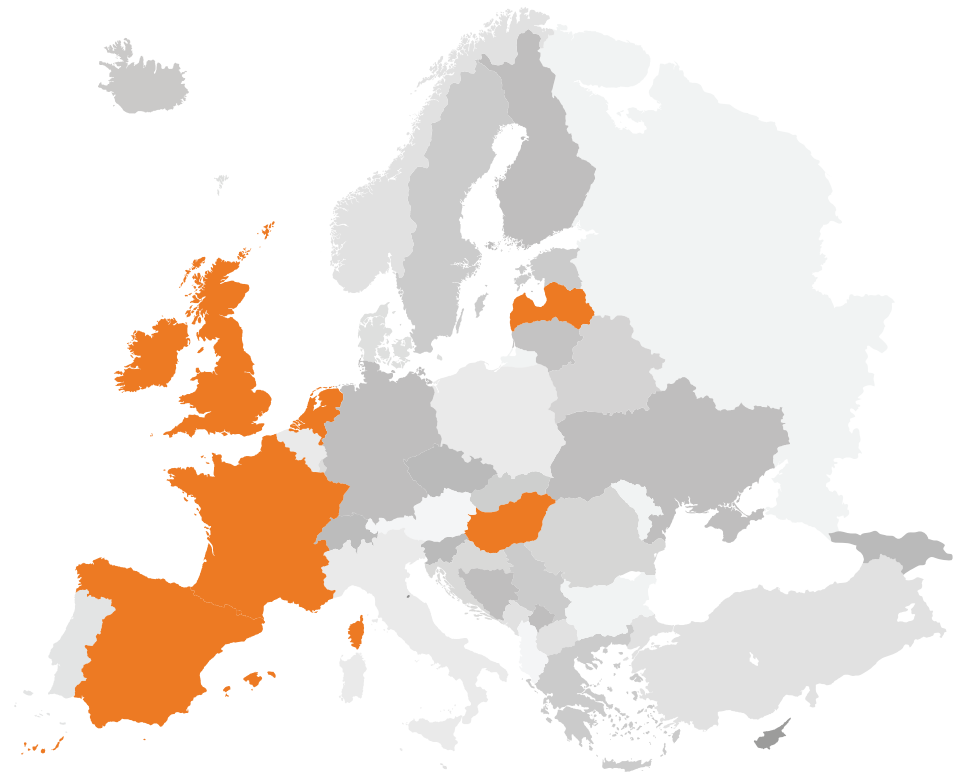
CertaUPS

WHY CHOOSE US?

CertaUPS back-up power solutions have been designed and engineered to the highest quality and performance standards.

Tried and tested on all five continents, CertaUPS is known worldwide for its cutting edge technology and superior component structure. Ticking all the boxes from design through to reliability, flexibility and affordability, CertaUPS emergency power solutions are among the most highly sought after across all industry sectors including healthcare, councils, IT and data centres.

Drawing on over 20 years of industry experience, CertaUPS has an unparalleled knowledge of the emergency power market. We are committed to always being ahead of the curve in terms of power protection technologies, which allows us to deliver leading edge solutions that meet not just the demands of our partners and *their* clients today but also anticipate those of the future.



TRUSTED BY LEADING BRANDS AROUND THE WORLD



SIEMENS



BANK OF ENGLAND

BECOME A PARTNER

A *real* business partnership is a two way street. It includes shared goals and ambitions. We work closely with all our partners to ensure the effective working symmetry that delivers improved sales margins and client satisfaction.

As a manufacturer we are committed to not just UPS system performance and price but also to supporting our worldwide reseller network.

The CertaUPS Partner program has been exclusively designed to deliver the tools and support needed to ensure our partners can offer their customers with leading edge UPS systems successfully and profitably.

Our partners benefit from market leading commercial advantages, access to the largest stock holding in the UK, structured training events and a library of joint marketing tools and initiatives. All of which enable our partners to compete and win within a very competitive market environment.



For more information please contact
a member of our partner team on:

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C60

800 - 2000VA Line Interactive



Suggested applications:
CCTV, EPOS and PC workstations

The C60 range is one of the most practical and compact UPS solutions available.

Compatible with most operating systems, the intuitive monitoring software provides safe shutdown in the event of an extended power failure with the UPS automatically restarting when power is restored.

Key Features

- Automatic start
- Intelligent monitoring software
- USB connectivity and HID Functionality
- Separate surge protected outlets
- Battery backed outlets



* Image shown is reverse of C60-800

1. AC input
2. C13 IEC outlets
3. C13 surge only outlet
4. USB connectivity
5. Telephone protection

MODELS	C60-800	C60-1000	C60-1500	C60-2000
Power (VA) max	800	1000	1500	2000
Power (W) max	480	600	900	1200
Dimensions W x D x H (mm)	100 x 285 x 142	146 x 350 x 160	146 x 397 x 205	
AC Outlets	3 x C13 + 1 x C13 surge only		5 x C13 + 1 x C13 surge only	



C200

1000 - 2000VA Line Interactive



Suggested applications:
CCTV, alarm systems, EPOS and small office networks

The C200 UPS produces a pure sinewave output making it perfect for supporting critical loads. The C200 units include an AVR (Automatic Voltage Regulator) as standard, making them extremely effective even in poor mains supply conditions. With a wide input voltage window the UPS regulates a precise output voltage without switching to battery power.

Key Features

- Auto shutdown in the event of mains failure
- Pure sinewave output when operating in battery mode
- Inbuilt protection for modem and telephone
- PWM-based controller
- HID functionality



MODELS	C200-1000	C200-1500	C200-2000
Power (VA) max	1000	1500	2000
Power (W) max	700	1050	1400
Dimensions W x D x H (mm)	146 x 350 x 160	146 x 397 x 205	
AC Outlets	3 x C13 + 1 x C13 surge only	5 x C13 + 1 x C13 surge only	



* Image shown is reverse of C200-1500-2000

1. AC input
2. C13 IEC outlets
3. C13 surge only outlet
4. USB connectivity
5. Telephone protection



C300R

1000 - 3000VA Line Interactive



Suggested applications:
Telephone and security systems, IT servers and networks

The C300R range only takes 2U of rack space in a rackmount form and includes internal batteries for standard runtimes.

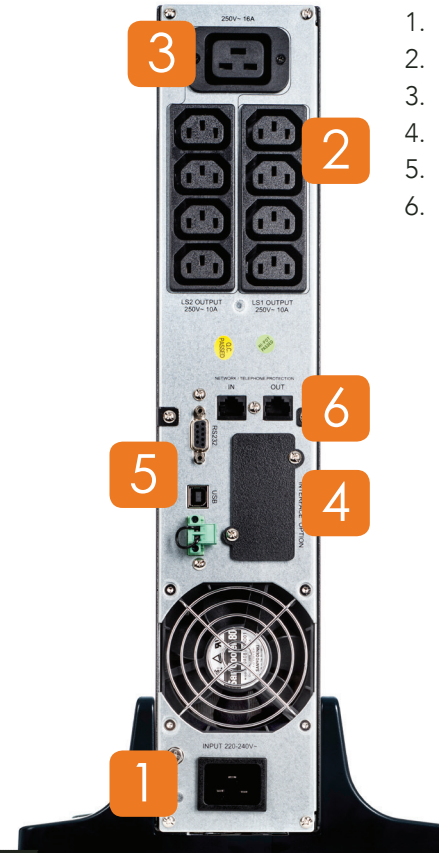
Encompassing all the key features of a smart, line interactive, single phase UPS solution, the C300R is affordable, reliable and flexible. Its rack mountable and floor standing ergonomics give the C300R maximum installation flexibility.

Key Features

- 0.9 output power factor
- Expandable runtime with additional battery modules
- Network management for alerts and scheduled shutdown
- Serial, USB, NMC, Modbus and Relay connectivity
- Rackmount rails included



MODELS	C300R-010-B	C300R-015-B	C300R-020-B	C300R-030-B
Power (VA) max	1000	1500	2000	3000
Power (W) max	900	1350	1800	2700
Dimensions W x D x H (mm)	438 x 430 x 86.5 (2U)		438 x 600 x 86.5 (2U)	
AC Outlets	8 x IEC C13			8 x IEC C13 + 1 x IEC C19



1. AC input
2. 8 C13 IEC outlets
3. 1 C19 IEC outlet
4. Intelligent port
5. USB / RS232
6. Telephone protection

* Image shown is reverse of C300R-030-B



C400

1000 - 3000VA Online Double Conversion

Suggested applications:

Small to medium sized IT systems, telecom centres and security facilities

The C400 series presents the next generation of true online double conversion UPS solutions.

Though sophisticated in design, the C400 units are delivered ready for immediate use. The C400 excels in protecting critical loads requiring true uninterrupted power.

Key Features

- Eco mode function
- Network management for alerts and scheduled shutdowns
- USB connectivity
- HID functionality
- Extendable runtime with additional battery modules



MODELS	C400-010-B	C400-010-C	C400-020-B	C400-020-C	C400-030-B	C400-030-C
Power (VA) max	1000		2000		3000	
Power (W) max	900		1800		2700	
Dimensions W x D x H (mm)	144 x 229 x 345	102 x 228 x 352	190 x 330 x 393	102 x 327 x 396	190 x 330 x 393	102 x 327 x 396
AC Outlets	4 x IEC C13	3 x IEC C13	4 x IEC C13	6 x IEC C13	4 x IEC C13, 1 x IEC C19	3 x IEC C13 + Terminal



* Image shown is reverse of C400-010-C

1. AC input
2. 3 C13 IEC outlets
3. Intelligent port
4. USB connectivity
5. Battery connector



C400R

1000 - 3000VA Online Double Conversion



Suggested applications:

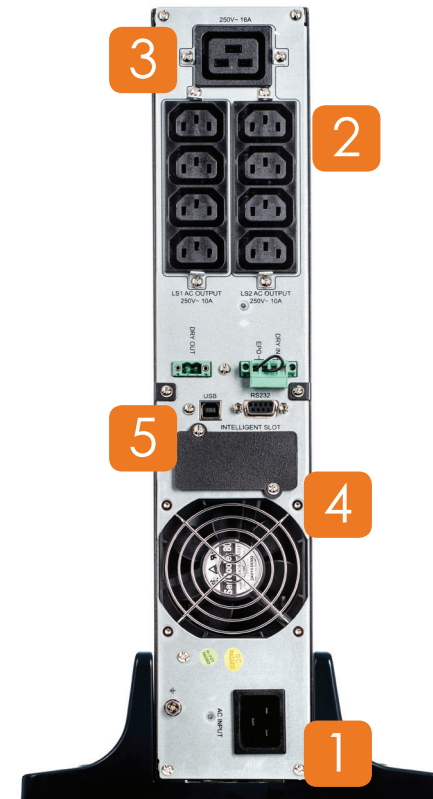
Servers & Storage, Telecoms & CCTV

The C400R series has been designed to deliver maximum user flexibility. Its compact and ergonomic rack mountable and floor standing design makes it an ideal fit for many server cabinets, where it only takes 2U in height even with 2000VA and 3000VA configurations.

Affordable, functional and reliable, the C400R also features interactive software, which is compatible with a wide range of operating systems.

Key Features

- High efficiency up to 95%
- 0.9 output power factor
- Expandable runtime with additional battery modules
- Rackmount or Tower compact 2U convertible design
- Energy saving mode
- Pure sinewave output
- Eco mode function
- HID Functionality
- Rackmount rails included



* Image shown is reverse of C400R-030-B

1. AC input
2. C13 IEC outlets
3. C19 IEC outlet
4. Intelligent port
5. USB / RS232

MODELS	C400R-010-B	C400R-010-C	C400R-020-B	C400R-020-C	C400R-030-B	C400R-030-C
Power (VA) max	1000		2000		3000	
Power (W) max	900		1800		2700	
Dimensions W x D x H (mm)	438 x 436 x 86.5 (2U)				438 x 604 x 86.5 (2U)	
AC Outlets	8 x IEC C13				8 x IEC C13 + 1 x IEC C19	



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



* Image shown is reverse of C500R-100-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



MODELS	C500R-060-B	C500R-060-C	C500R-100-B	C500R-100-C
Power (kVA) max	6		10	
Power (kW) max	5.4		9.0	
Dimensions W x D x H (mm)	438 x 698 x 129 (3U)		438 x 704 x 215 (5U)	
AC Outlets	2 x IEC C13 + 1 x IEC C19 + Terminal	2 x IEC C13 + 2 x IEC C19 + Terminal	4 x IEC C19 + Terminal	4 x IEC C13 + 2 x IEC C19 + Terminal

C500

6 - 10kVA Online double conversion

C500E

10 - 20kVA 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 C500E 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
- 3 Phase / 1 Phase input option as standard on C500E



* Image shown is reverse of C500E-200

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



MODELS	C500-060-B	C500-060-C	C500-100-B	C500-100-C	C500E-100	C500E-200
Power (kVA) max	6		10			20
Power (kW) max	5.4		9.0			18
Dimensions W x D x H (mm)	260 x 550 x 708				350 x 650 x 890	
AC Outlets	Hardwired					



SOFTWARE



THE DIFFERENCE

CertaUPS provides all of its partners and clients with intelligent UPS software support with no ongoing licence fees or upfront charges.

PEACE OF MIND

With the most advanced capabilities on the market, our software delivers cutting edge server shutdown capabilities and is fully configurable for controlled shutdown of IT equipment following a mains failure.

Software from CertaUPS allows monitoring of up to 1000 online UPS devices through a clients internal network and in doing so provides graphical data on the flow of power through each UPS individually.

COMPATIBILITY

It is compatible with a wide range of virtualised environments including VMware, Xenserver, Virtualbox and Hyper-V.

All CertaUPS solutions can be monitored 24/7, where the status of a UPS can be sent via email and SMS notifications.

ACCESSORIES

16A AUTOMATIC TRANSFER SWITCH (ATS)

The CertaUPS 16A ATS offers redundancy in power supply to electrical equipment thanks to a dual input feed. The ATS is supplied with mounting brackets for easy installation into 19" server cabinets, taking only 1U in space.

CertaUPS has designed the ATS to perform as expected, with the mains input being the primary source of power to the equipment. Should the supply become unavailable for any reason the ATS will react automatically to transfer the load to the secondary supply line.

Not only is the exchange automatic, it transfers loads in 9-12 ms ensuring power to the critical load in an optimal timeframe

An additional function when using the ATS panel is the multiple outlets, meaning the switch can be utilised as a power distribution unit (PDU)

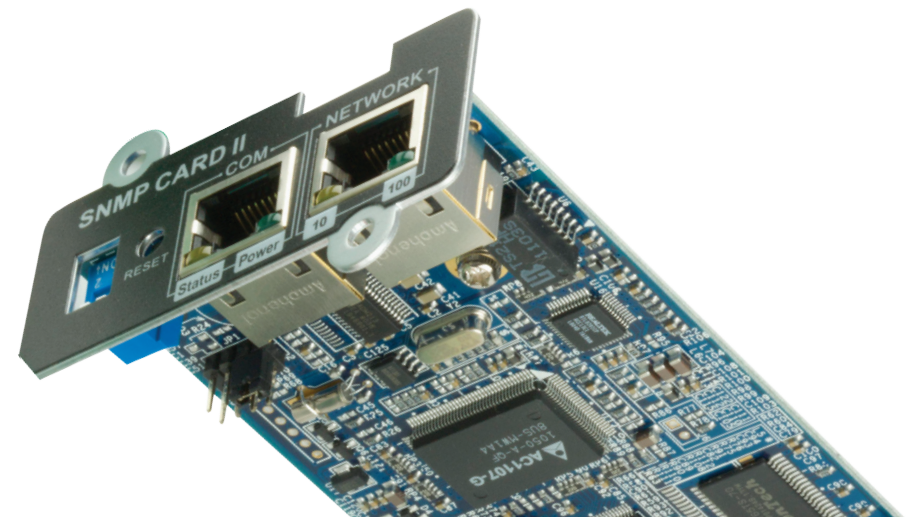
With various connectivity options available, the 16AATS panel will also communicate with IT equipment, sending alerts when changes are made in the status of the ATS itself. The relay switch and USB connectivity are standard although there is also the option to utilise an additional network management card.

- | | |
|---------------------------------------|---------------------|
| 1. AC input (A supply) | 6. Intelligent port |
| 2. AC input (B supply) | 7. USB port |
| 3. Output bank 1: 4 x C13 IEC outlets | 8. RS232 port |
| 4. Output bank 2: 4 x C13 IEC outlets | 9. Relay contacts |
| 5. Output 3: C19 IEC outlet | |



SNMP

One of the most valuable accessories available with CertaUPS products, the Network Management Card (NMC)/SNMP allows interface between your CertaUPS unit and IT hardware. This heightened level of communication allows CertaUPS equipment users to configure shutdown parameters on critical IT equipment during a mains failure. This enables you to protect sensitive equipment during extended power outages. The NMC transmits data over your internal network, informing you of alarms and performance notifications based on a change in UPS status. This key information can be emailed or transferred via SMS.



EMP

The CertaUPS Environmental Monitoring Probe (EMP) is a plugin device which works in tandem with the CertaUPS NMC card. With this additional piece of equipment users are able to monitor the temperature and humidity within the immediate vicinity of the CertaUPS product. Limits can be set on the EMP so that any fluctuation outside of these parameters will result in event logs being created. This data can be invaluable to maintaining a healthy environment for your UPS and other key pieces of electrical equipment, allowing site management to react to problematic conditions quickly and effectively.

RELAY CARD

Also known as a dry contact card, volt-free contact card, AS400 card and other names along the way. This device offers configurable contacts for the provision of various status events relating to the CertaUPS unit. All contacts can be configured to normally open or normally closed as standard.

MODBUS

Our Modbus card delivers a gateway to monitor the CertaUPS in great detail, via a building management system. In a similar way to SNMP connectivity, the Modbus card will allow the UPS to be monitored in real time, alerting the client of any power problems.

BYPASS

Still one of the most underused accessory installed with CertaUPS products, yet one of the most important for business continuity. The Maintenance Bypass Switch or External Wraparound Bypass Switch offers clients the flexibility to safely remove the CertaUPS unit without disrupting power to the load. Once the bypass is enabled, the UPS can be removed safely to allow clients and UPS professionals to service, maintain or replace the product. With no interruption to business continuity, a bypass switch should be at the top of the accessory wish list.



ACCESSORIES FULL PRODUCT AVAILABILITY

PART NUMBER	DESCRIPTION	C300R	C400	C400R	C500	C500R	C500E
C-NMC	Internal SNMP Card	✓		✓	✓	✓	✓
C-NMC (Mini)	Internal SNMP Card		✓				
C-EMP	External Temperature & humidity sensor (C-NMC required)		✓	✓	✓	✓	✓
C-RELAY	Internal programmable hardwired relay card			✓	✓	✓	✓
C300R-RELAY	Internal programmable hardwired relay card	✓					
C-RELAY (Mini)	Internal programmable hardwired relay card		✓				
C-DB9RELAY	Internal DB9 relay card			✓	✓	✓	✓
C300R-DB9RELAY	Internal DB9 relay card for C300R	✓					
C-DB9REL (Mini)	Internal DB9 relay card		✓				
C-MODBUS	Internal RS485 Modbus Card			✓	✓	✓	✓
C-MODBUS (Mini)	Internal RS485 Modbus Card		✓				
C-RAILS	Mounting rails for installation into 19" server rack	✓		✓			
C500R-RAILS	Mounting rails for installation into 19" server rack					✓	
ATS-16A	16A Automatic Transfer Switch 1U	✓		✓		✓	
MBSTOWER 1-3	External maintenance bypass switch 1-3kVA Plug n Play	✓	✓	✓			
MBSRACK 1-3	External rackmount maintenance bypass switch 1U 1-3kVA Plug n Play	✓		✓			
MBSRACK 6-10	External rackmount maintenance bypass switch 2U 6-10kVA					✓	
WBYP6	6kVA (32A) Wallmounted maintenance bypass switch (300W x 500H x 200D)				✓	✓	
WBYP10	10kVA (63A) Wallmounted maintenance bypass switch (300W x 500H x 200D)				✓	✓	✓
WBYP20	20kVA (125A) Wallmounted maintenance bypass switch (500W x 500H x 200D)						✓
WBYP1031	10kVA (63A) Wallmounted maintenance bypass switch 3/1 phase (300W x 500H x 200D)						✓
WBYP2031	20kVA (125A) Wallmounted maintenance bypass switch 3/1 phase (500W x 500H x 200D)						✓



Fan 1

Fan 2

Fan 3

Slot 1

Slot 2

Slot 3

Slot 4

Slot 5

Slot 6

LNK/ACT LFS 10/100/1000

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