

# C450R

## 1000 - 3000VA Online double conversion

**Suggested applications:** Data centres, server rooms, IT, telecoms & networking

A unity power factor rackmountable UPS system with true online double conversion and pure sine wave output, complete with detachable feet. The C450R also features out of the box connectivity with IoT monitoring software

### Key Features

- Unity Power Factor
- Pure Sine wave
- Online double conversion
- 2U of rackspace
- Rackmount rails included
- Programmable LCD display
- Expandable runtime
- Out of the box connectivity
- High efficiency up to 96%
- Configurable at rack or tower UPS

**TECHNOLOGY:** C450R, 1000VA **APPLICATION:** IT SERVER RACK

**OBJECTIVE:** ALLOW FOR POWER MANAGEMENT AND CONTROLLED SHUT DOWN



Parallel connection



Additional battery connection



Smart phone app monitoring



High efficiency



Unity power factor



Intelligent communication slot



Online double conversion



Pure sine wave output



USB connectivity & HID compatible



Rackmount unit



\*Image shows 1000VA C450R UPS

# C450R 1000VA - 3000VA

## Product Specification

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RATING	C450R-010-B	C450R-010-C	C450R-020-B	C450R-020-C	C450R-030-B	C450-030-C
Dimensions WxDxH (mm)	438 x 445 x 85.5 (2U)		438 x 600 x 85.5 (2U)			
<b>INPUT</b>						
Voltage tolerance/range	160-300V 100% load, 110-160V derating to 50% load linearly					
Frequency	50Hz/60Hz					
<b>OUTPUT</b>						
Power factor	1					
Waveform	Sine wave					
Voltage	200/208/220/230/240V					
Frequency	50Hz/60Hz					
Efficiency (%)	>95%					
<b>BATTERY</b>						
DC voltage (VDC)	36V		72V			
Maximum EBM quantity	4					
<b>MECHANICAL</b>						
Output connection	1 main outlet group (with 4 x IEC C13) 1 programmable outlet group (with 4 x IEC C13)			1 main outlet group (with 1 x IEC C19 + 4 x IEC C13) 1 programmable outlet group (with 4 x IEC C13)		
<b>ENVIRONMENTAL</b>						
Operating temperature tolerance	0-40 °C					
Storage temperature tolerance	-15-40 °C					
Relative humidity	<0-95% (non-condensing)					
Operating altitude tolerance	<1000m					
<b>FEATURES</b>						
Communication	Dry in and dry out, RS-232, USB, WLAN, RJ45					
Optional comms	SNMP/MODBUS/dry contact / wireless module					
Parallel	Optional					
Options & functions	Intelligent card					



Full technical specification and product information can be found on our website.



\*Image shows rear of 3000VA C450R

- |                     |                                       |
|---------------------|---------------------------------------|
| 1. AC Input         | 6. WLAN, USB, RJ45, dry in/out, RS232 |
| 2. Battery port     | 7. IoT monitoring QR code             |
| 3. 8 x IEC C13      |                                       |
| 4. 1 x IEC C19      |                                       |
| 5. Intelligent slot |                                       |

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