

CRT+400

Online double conversion, 1000VA - 3000VA

Perfect for small to medium sized offices, telecoms centres and security facilities

Features snapshot

- Online double conversion topology
- Eco-mode function
- Wide input voltage window
- High efficiency
- Selectable output voltage
- Frequency converter feature
- EPO connection
- Intelligent communications slot
- IEC plug retention clips
- USB connectivity
- Intelligent monitoring software
- Server shut down in the event of a mains fail
- Battery extension modules



The **CRT+400** series is a range of compact UPS systems featuring online double conversion technology. Developed around the highest level of protection, the **CRT+400** range is the most reliable of its kind.

As a genuine plug 'n' play system the **CRT+400** units are delivered ready for immediate use and are suitable for all loads requiring true uninterrupted power.

THE POWER AUTHORITY



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 **CertaUPS+**

CRT+400 Product Specification

MODELS	CRT+400-010-B	CRT+400-010-C	CRT+400-020-B	CRT+400-020-C	CRT+400-030-B	CRT+400-030-C
Power (VA) max	1000		2000		3000	
Power (W) max	900		1800		2700	
INPUT						
Input Voltage Window	110VAC-300VAC					
THDi	<5%					
Power Factor	≥0.99					
Input Frequency Range	45-55Hz / 54-66Hz					
OUTPUT						
Power Factor	0.9					
Output Voltage						
Waveform	Pure Sinewave					
Nominal voltage	200VAC*/208VAC**/220VAC/230VAC/240VAC					
Voltage regulation	±2%					
Transient recovery	100ms (IEC 62040-3 non-linear load)					
Output Frequency						
Synchronisation range	45-55Hz / 54-66Hz					
Slew rate	1Hz/s					
Battery mode	(50/60±0.2)Hz					
Transfer Time						
Normal mode to battery mode	0ms					
Inverter to bypass, ECO mode	<4ms					
Full Load Efficiency						
ECO mode	>94%					
Overload Capability						
110% for 1 minute; 125% for 30 seconds ; >150% for 1 second						
Crest Ratio						
3:1						
BATTERY						
Charger Size	1A	4A	1A	4A	1A	4A
DC Voltage	36VDC		96VDC		96VDC	
Back-up Time (full load)	>5 minutes	N/A	>9 minutes	N/A	>5 minutes	N/A
MECHANICAL						
Dimensions W x D x H (mm)	145 x 400 x 200			192 x 460 x 347		
Weight (Kg)	13	7	31	13	31	13
AC Outlets	3 x IEC C13		6 x IEC C13		4 x IEC C13, 1 x IEC C19	

*Derate to 80% with 200VAC output voltage. **Derate to 90% with 208VAC output voltage. ***Derate to 60% during Frequency Converter Mode.

Full technical specification and product information can be found at www.pcl-ups.com

