

C300R 1000VA - 3000VA

Line interactive

Key applications include telephone systems, security, servers and networks.

The C300 Rotation is a compact, line interactive, pure sinewave UPS. It delivers 28% more useable power than other UPS systems in its class thanks to the up-rated 0.9 output power factor. The series also provides an overall AC efficiency of 97% whilst operating in its most resilient mode of protection.

The range only takes 2U of rack space when in rackmount form and includes batteries for standard runtime.

Encompassing all the key features of a smart, line interactive, single phase UPS solution, the C300 Rotation is affordable, reliable and flexible. Its rack mountable and floor standing tower ergonomics give the C300 Rotation maximum installation flexibility.



USB connectivity & HID support



Line interactive



Pure sinewave output



Virtualisation compatible



Intelligent communication slot



Smartphone app monitoring



Additional battery connection



C300R 1000VA - 3000VA

Product Specification

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
INPUT				
Transfer Voltage Range	220/230/240VAC			
Input Voltage Window	176-288VAC			
Input Frequency Range	45-55Hz / 55-65Hz (±0.1Hz)			
Cold Start	Yes, default frequency = 50Hz			
Phase	Single phase with ground			
OUTPUT				
Waveform	Pure Sinewave			
Nominal voltage	220/230/240VAC			
Voltage distortion (typical)	<3% THD, linear load			
	<6% THD, non-linear load			
Output Frequency	50/60±0.1Hz			
Line mode to battery mode	(Normal mode) 2 ~ 6ms			
Line mode to battery mode	(Generator mode) 13ms (max.)			
FULL LOAD EFFICIENCY				
Normal line mode with battery fully charged	>97%			
Boost mode with battery fully charged	>92%			
Battery mode	>82%			
BATTERY				
DC Voltage	36VDC		72VDC	
Back-up Time (full load)	4.5 minutes	3 minutes	4.5 minutes	3 minutes
Charging current (max)	1.5A			
Charging time	3h charge to 90%			
MECHANICAL				
Dimensions W x D x H (mm)	438 x 430 x 86.5 (2U)		438 x 600 x 86.5 (2U)	
Weight (Kg)	18	20	28	32
AC Outlets	8 x IEC C13		8 x IEC C13, 1 x IEC C19	

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