

C800

10 - 30kVA Online Double Conversion

Suggested applications: Server rooms and small data centre environments

The C800 delivers superior performance, reliability and efficiency.

Featuring IGBT technology and intelligent DSP based control, the C800 solutions achieve unity power factor and industry leading efficiency of up to 97%.

With a considerably smaller footprint than other comparable three phase UPS solutions on the market, the C800 range also comes with parallel redundancy for superior resilience and extended optional runtime.

Key Features

- Dual input
- Wide input voltage window
- Parallel capability of up to 10 UPS in parallel
- Small footprint
- High efficiency on battery mode
- Transformer free design

TECHNOLOGY: C800, 30KVA **APPLICATION:** CAR PARTS MANUFACTURER

OBJECTIVE: PROVIDE POWER BACK UP TO INDUSTRIAL PRODUCTION LINE

"A large midlands based industrial complex relied heavily on an efficient and constant production line. Even power was vital to ensure accurate machine calibration as well as avoiding line closures due to power loss. The C800 provided critical three phase power back up as well as providing FM management had constant reassurance of production capability."



ECO mode function



USB connectivity



Pure sinewave output



Intelligent communication slot



High efficiency



Additional battery connection



Parallel connection



Dual input



Online double conversion



Three phase



Maintenance bypass switch



C800 10 - 30kVA

Product Specification

MODELS	C800-10		C800-15		C800-20		C800-30	
Power (VA) max	1000		1500		2000		3000	
Power (W) max	1000		1500		2000		2700	
INPUT								
Voltage	380/400/415VAC							
Voltage Tolerance	280-500VAC							
Frequency	50/60Hz							
Frequency Tolerance	±10%							
Phase	Three							
OUTPUT								
Power Factor	1				0.9			
Waveform	Pure Sinewave							
Voltage	380/400/415VAC							
Frequency	50/60Hz							
Efficiency	95% Online Mode							
Phase	Three							
BATTERY								
Runtime	N/A							
DC Voltage	480VAC							
Charger Capacity	3.3A		5A		6.6A		10A	
MECHANICAL								
Weight	52kg				89kg			
Dimensions (WxDxH)	250 x 865 x 715mm				350 x 760 x 1335mm			
AC Outlets	Terminal Block							
ENVIRONMENTAL								
Operating Temperature Tolerance	UPS: 0°C - 40°C, Batteries: 20 - 25°C							
Storage Temperature Tolerance	UPS: -10°C - 50°C							
Relative Humidity	0-95% Relative Humidity (Non Condensing)							
Operating Altitude Tolerance	>1000m							
FEATURES								
Communication	USB, RS232, RS485 & Relay Connectivity							
Optional Comms	SNMP							
Functions	EPO, USB, Expandable Battery Modules, LCD Display, Dual Input							

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



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