

## 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



MODELS	C800-10	C800-15	C800-20	C800-30
Power (VA) max	1000	1500	2000	3000
Power (W) max	1000	1500	2000	2700
<b>INPUT</b>				
Voltage	380/400/415VAC			
Voltage Tolerance	280-500VAC			
Frequency	50/60Hz			
Frequency Tolerance	±10%			
Phase	Three			
<b>OUTPUT</b>				
Power Factor	1		0.9	
Waveform	Pure Sinewave			
Voltage	380/400/415VAC			
Frequency	50/60Hz			
Efficiency	95% Online Mode			
Phase	Three			
<b>BATTERY</b>				
Runtime	N/A			
DC Voltage	480VAC			
Charger Capacity	3.3A	5A	6.6A	10A
<b>MECHANICAL</b>				
Weight	52kg		89kg	
Dimensions (WxDxH)	250 x 865 x 715mm		350 x 760 x 1335mm	
AC Outlets	Terminal Block			
<b>ENVIRONMENTAL</b>				
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			
<b>FEATURES</b>				
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.certaups.com](http://www.certaups.com)



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