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# C550R

## 6 - 10kVA Online double conversion

**Suggested applications:** Small data centres, server rooms, IT facilities, telecoms and networing

When positioned in a rackmount form, the C500R has a capacity of 6kVA/5.4kW contained within 3U and 10kVA/9kW contained within 5U. The C500R includes internal batteries providing standard runtimes.

For a more resilient solution, an additional UPS unit can also be connected in parallel to share the critical load or provide N+1 redundancy

### Key Features

- Eco-mode function
- Unity power factor
- Network management for alerts & scheduled shutdowns
- USB connectivity & HID functionality
- Expandable runtime with additional battery modules
- Rackmount rails included

TECHNOLOGY: C550R, 10kVA APPLICATION: DATA CENTRE
OBJECTIVE: TO ENSURE 24/7 POWER

- Parallel connection
- Smart phone app monitoring
- Virtualisation compatible
- Online double conversion
- USB connectivity & HID compatible
- Additional battery connection
- High efficiency
- Intelligent communication slot
- Pure sinewave output
- ECO mode function

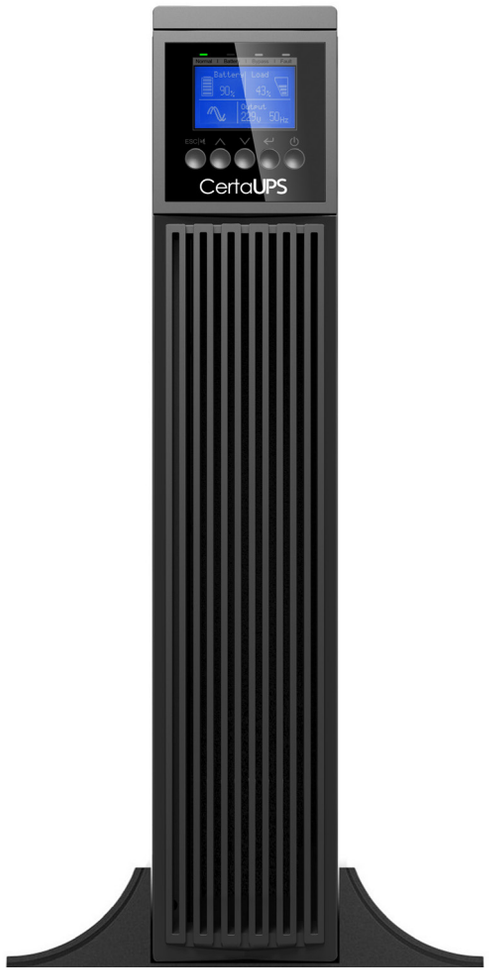


*Image shows 10kVA C550R

# C550R 6kVA - 10kVA
## Product Specification

| RATING | C550R-060-C | C550R-100-C |
|---|---|---|
| Dimensions WxDxH (mm) | 440x573x86.2 | |
| Weight (Kg) | 19 | 26 |
| INPUT | | |
| Voltage | 220/230/240/250VAC | |
| Voltage tolerance/range | 176 - 276VAC 100% load; 120 - 264 VAC 60% load | |
| Frequency | 45-55Hz/54-66Hz | |
| Frequency tolerance/range | ±10% | |
| OUTPUT | | |
| Power factor | 1 | |
| Waveform | sinewave | |
| Voltage | 208/220/230/240V | |
| Frequency | 45-55/54-66Hz | |
| Efficiency (%) | >98% | |
| BATTERY | | |
| DC voltage (VDC) | 192Vdc/240Vdc | |
| Charger capacity (Ah) | 0-12 | |
| MECHANICAL | | |
| Output connection | 2 x C12 & Hardwired terminal | |
| ENVIRONMENTAL | | |
| Operating temperature tolerance | 0-40 °C | |
| Storage temperature tolerance | -15-40 °C | |
| Relative humidity | <0-95% (non-condensing) | |
| Operating altitude tolerance | <1000m | |
| FEATURES | | |
| Communication | emergency power off, dry in and dry out, RS-232. USB | |
| Optional comms | SNMP/MODBUS/dry contact | |
| Parallel | Optional | |
| Options & functions | Intelligent card | |

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

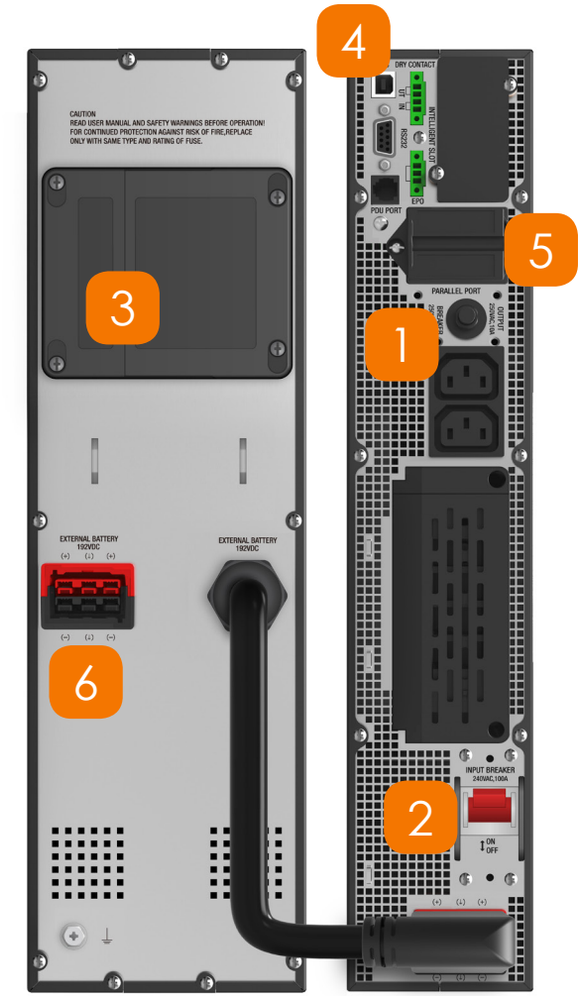


*Image shows rear of 10kVA C550R

1. Input / output terminals
2. Input breakers
3. Intelligent port
4. USB / RS232
5. Parallel port
6. EBM connection

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