

C650

6 - 10kVA Online double conversion

Suggested applications: Servers rooms, hospitals and small data centres

With a unity power factor, the compact, online double conversion C650 series is a space saving and energy efficient UPS system ideal for a range of applications. It also features out of the box connectivity with the IoT monitoring via the CertaUPS monitor app

Key Features

- Unity Power Factor
- Pure Sine wave
- Online double conversion
- Parallelable up to 3 units
- upto 6 external battery modules
- Programmable LCD display
- Small footprint
- Out of the box connectivity
- High efficiency up to 95%

TECHNOLOGY: C650, 10kVA **APPLICATION:** NHS RECOVERY WARDS

OBJECTIVE: TO PROVIDE CRITICAL POWER BACKUP



Parallel connection



Smart phone app monitoring



Unity power factor



Online double conversion



Additional battery connection



High efficiency



Intelligent communication slot



Pure sinewave output

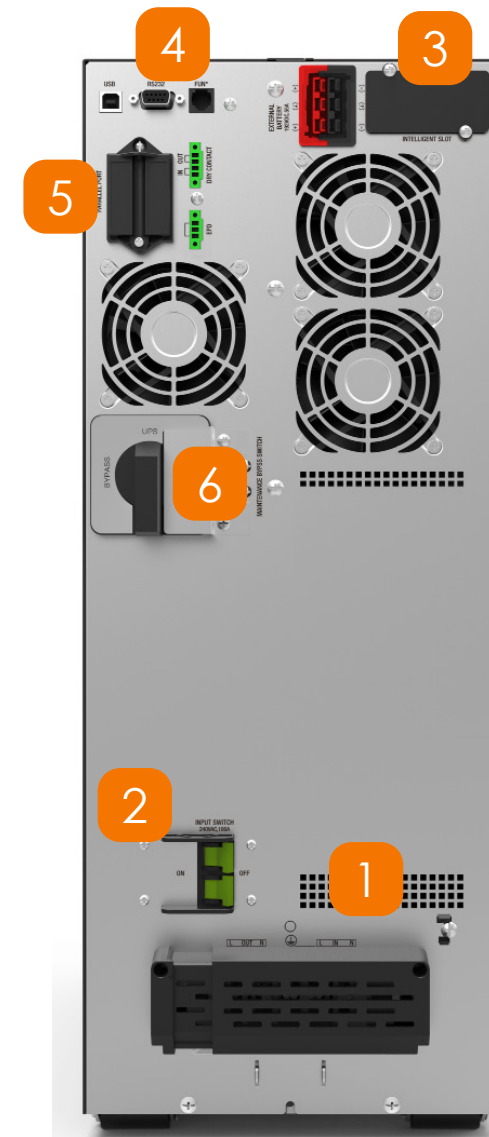


*Image shows 10kVA C650-B model

C550 6kVA - 10kVA

Product Specification

| RATING | C650-060-B | C650-060-C | C650-100-B | C650-100-C |
|---------------------------------|---|-------------|-------------|-------------|
| Dimensions WxDxH (mm) | 225x416x589 | 225x416x354 | 225x416x589 | 225x416x354 |
| Weight (Kg) | 58 | 14 | 69 | 16 |
| INPUT | | | | |
| Voltage | 220/230/240VAC | | | |
| Voltage tolerance/range | 110VAC - 276VAC | | | |
| Frequency | 50Hz/60Hz | | | |
| Frequency tolerance/range | 45Hz-55Hz (50Hz system), 54Hz-66Hz (60Hz system) @ load>60% | | | |
| OUTPUT | | | | |
| Power factor | 1 | | | |
| Waveform | Sinewave | | | |
| Voltage | 220/230/240V | | | |
| Frequency | 50Hz/60Hz | | | |
| Efficiency (%) | >95% | | | |
| BATTERY | | | | |
| DC voltage (VDC) | 192Vdc/240Vdc | | | |
| Charger capacity (Ah) | 1-4 | 2-12 | 1-4 | 2-12 |
| MECHANICAL | | | | |
| Output connection | 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, WLAN | | | |
| Optional comms | SNMP/MODBUS/dry contact / wireless module | | | |
| Parallel | Optional | | | |
| Options & functions | Intelligent card | | | |



*Image shows rear of 10kVA C650-B model

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|-----------------------------|-----------------------|
| 1. Input / output terminals | 4. USB / RS232 |
| 2. Input breakers | 5. Parallel port |
| 3. Intelligent port | 6. Maintenance bypass |

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