

# 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



Additional battery connection



Smart phone app monitoring



High efficiency



Unity power factor



Intelligent communication slot



Online double conversion



Pure sinewave output



USB connectivity & HID compatible



Space saving design

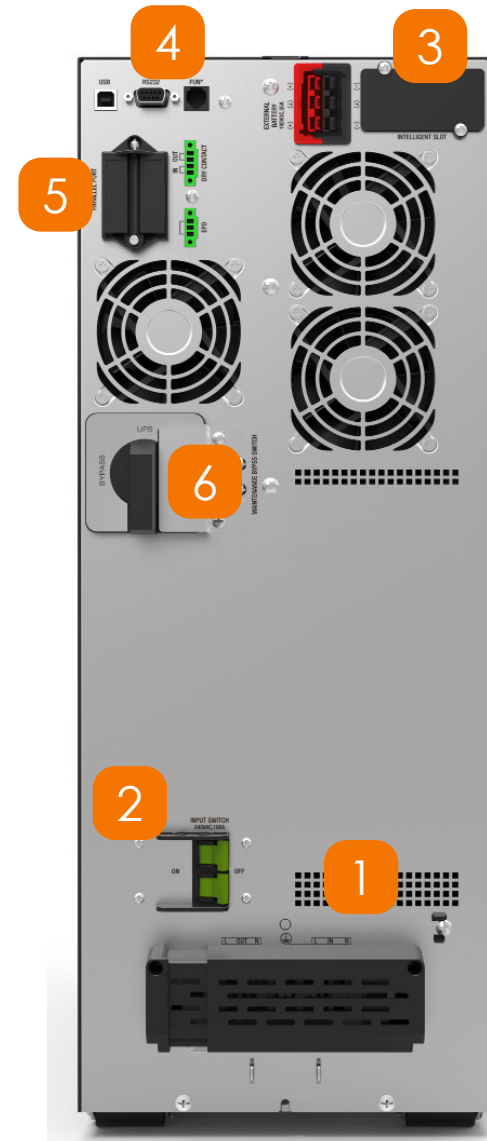


\*Image shows 10kVA C650-B model

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
<b>INPUT</b>				
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%			
<b>OUTPUT</b>				
Power factor	1			
Waveform	Sinewave			
Voltage	220/230/240V			
Frequency	50Hz/60Hz			
Efficiency (%)	>95%			
<b>BATTERY</b>				
DC voltage (VDC)	192Vdc/240Vdc			
Charger capacity (Ah)	1-4	2-12	1-4	2-12
<b>MECHANICAL</b>				
Output connection	Hardwired terminal			
<b>ENVIRONMENTAL</b>				
Operating temperature tolerance	0-40 °C			
Storage temperature tolerance	-15-40 °C			
Relative humidity	<0-95% (non-condensing)			
Operating altitude tolerance	<1000m			
<b>FEATURES</b>				
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			



Full technical specification and product information can be found on our website.



\*Image shows rear of 10kVA C650-B model

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

# CertaUPS