

CertaUPS 650R Technical Specification

Model	C650R-060-B	C650R-060-C	C650R-100-B	C650R-100-C
Capacity	6kVA/6kW		10kVA / 10kW	
INPUT				
Input Voltage Range	110VAC - 276VAC			
Rated Voltage	220/230/240VAC			
Frequency	50Hz/60Hz			
Frequency Range	45Hz-55Hz (50Hz system), 54Hz-66Hz (60Hz system) @ load>60%			
Power Factor	1			
Rated current	35A	45A	54A	65A
OUTPUT				
Voltage Regulation (AC Mode)	220/230/240V AC			
Rated Frequency	50 Hz / 60 Hz			
AC Outlets	Terminal Block			
Maximum Power Factor	1			
Voltage accuracy	±1%			
Transfer Time Line <-> Battery	0ms			
Transfer Time INV<-> Bypass	0ms			
Wave form	Pure sine wave			
Short Circuit Current on Normal Mode	54A for 200ms max		113A for 200ms max	
Overload Capacity	105%-125% Load, 10 minutes transfer to Bypass; 125%-150% Load, 30 seconds transfer to Bypass; >150% Load, 0.5 seconds transfer to Bypass			
BATTERY				
Voltage	192 / 240V DC selectable			
Maximum EBM quantity	4			
CHARGER				
Charging Current (default)	1.4A	4A	2A	4A
Charging range	1~4A	2~12A	1~4A	2~12A
OTHER MODE				
CVCF	Yes (deterating to 60% load)			
HMI				
Display	Dot matrix LCD (optional segment LCD)			

Language	Multi-language			
USB	USB 2.0 with HID power device			
RS232	Yes (DB9)			
Dry in/out	1 programmable dry in; 1 programmable dry out			
RPO	Yes			
Intelligent Slot	Yes			
Network Card	Optional, NMC			
Modbus Card	Optional, CMC			
Dry Contactor Card	Optional, AS400			
Wireless Module	Optional			
IOT Ethernet Port	RJ45			
Monitoring Software	Winpower, CertaUPS Monitor App			
PHYSICAL				
Dimension (WxDxH) mm	438 x 86.3 (2U) x 540			
Net weight (Kg)	13.6	15.5	13.3	15.2
IP Protection Level	IP20			
ENVIRONMENT				
Operating Temperature	0-40°C (derating 50% above 40°C)			
Relative Humidity	0-95% (non-condensing)			
Operating Altitude	0-3000m (the load derating 1 % every up 100m @1000~3000m)			
Storage temperature (with battery)	-15°C - 40°C			
Storage temperature (without battery)	-25°C - 55°C			
Certification	CE, IEC/EN 62040, UKCA			

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