

CertaUPS C750 Technical Specification

Model	C750-100-B	C750-100-C	C750-200-B	C750-200-C
Capacity	10kVA/10kW		20kVA / 20kW	
INPUT				
Input Voltage Range	110VAC - 300VAC			
Rated Voltage	220/230/240VAC or 380/400/415 VAC			
Main input rated current (3 phase)	22A		43A	
Main input rated current (1 phase)	65A		129A	
Bypass input rated current (3 phase)	16A		31A	
Bypass input rated current (1 phase)	47A		93A	
Frequency	40Hz/70Hz			
Frequency Range	45Hz-55Hz (50Hz system), 54Hz-66Hz (60Hz system) @ load>60%			
Bypass input frequency	45-55Hz(50Hz system) / 54-66Hz(60Hz system)			
Power Factor	1			
OUTPUT				
Voltage Regulation (AC Mode)	220/230/240VAC 380/400/415VAC			
Maximum Power Factor	1			
Transfer Time Line <-> Battery	0ms			
Transfer Time INV<-> Bypass	0ms			
Wave form	Pure sine wave			
Short Circuit Current on Normal Mode (3 phase output)	30A for 10±1 cycle		74A for 10±1 cycle	
Short Circuit Current on Normal Mode (1 phase output)	90A for 10±1 cycle		222A for 10±1 cycle	
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	192VDC or 240VDC Selectable		384VDC or 480VDC Selectable	
CHARGER				
Charging range	1~13A adjustable			
OTHER MODE				
CVCF	Yes (derating to 60% load)			
PHYSICAL				
Dimension (WxDxH) mm	300 x 633.2 x 805.5mm			

Net weight (Kg)	106	53	160	55
IP Protection Level	IP20			
ENVIRONMENT				
Operating Temperature	0-50°C (derating 50% above 40°C) excluding batteries			
Relative Humidity	0-95% (non-condensing)			
Operating Altitude	0-4000m (the load derating 1 % every up 100m @1000~3000m)			
Storage temperature (with battery)	-15°C - 40°C			
Storage temperature (without battery)	-25°C - 60°C			
Certification				
Safety	IEC/EN 62040-, UKCA, CE			
EMC	IEC/EN 62040-2			
Performance	IEC/EN 62040-3			

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