

DUAL PHASE 10~20KVA

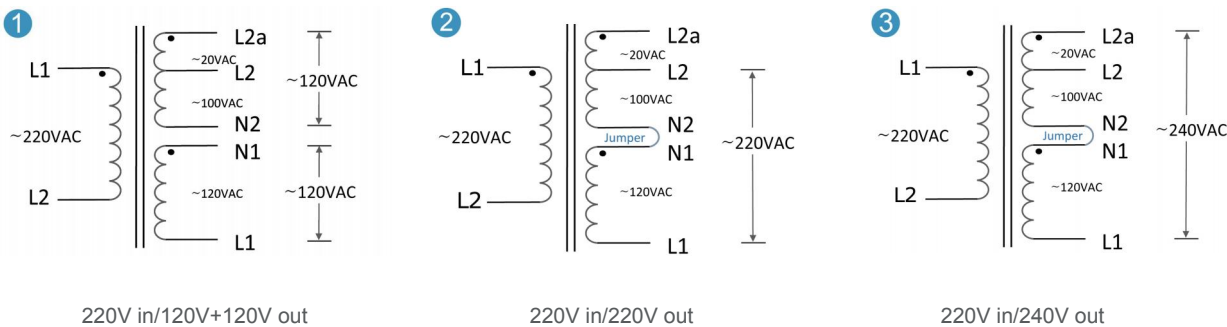
Dual phase output UPS PF: 0.9



Features

- DSP (Digital signal processors) control
- Variety output voltage configuration, single phase 220V/240V or dual phase 110V/115V/120V
- Galvanic isolation transformer between AC input and output in all operating mode
- Active input power factor correction, input power factor>0.99
- Three level inverter technology, lower harmonic, higher efficiency
- Wide input voltage range 90V~300V and frequency range 40~70Hz
- Generator compatible
- Cold start function
- Remote on off (ROO) function (optional)
- Economic operation mode (ECO)
- 50Hz / 60Hz Frequency auto sensing
- Frequency converter mode: 50Hz input / 60Hz output or 60Hz input / 50Hz output
- Can work with 1phase or 3phases mains input, without complex setting or power derating
- Communications: RS232(standard), USB / MODBUS / RS485 / SNMP / AS400 card (optional)
- Reliable design, made with strong glass fiber base (FR4) double side PCB, well designed ventilation and conformal coating

UPS Output with Galvanic Isolation Transformer



Technical Specifications : Accept Customization Requests



Model	C10K	C10KS	C15K	C15KS	C20K	C20KS
Capacity	10KVA/9KW		15KVA/13.5KW		20KVA/18KW	
Topology	Double conversion online UPS with dual phase galvanic isolation output transformer					
AC INPUT						
Wiring	Dual phase 3 wires (L1+L2+PE) or 1 phase 3 wires (L+N+PE) or 3 phases (L1, L2, L3, N+PE)					
Rated Voltage	208/220/230/240VAC					
Rated Frequency	50Hz/60Hz					
Voltage Range	110~285VAC±5VAC					
Frequency Range	(40~70)±0.5Hz					
Input Power Factor	>0.99					
Bypass Voltage Range	180~265VAC					
BATTERY & CHARGER						
Rated Battery Voltage	192VDC Internal	192/240VDC External	192VDC Internal	192/240VDC External	192VDC Internal	192/240VDC External
Battery Capacity	12V/7AHx16pcs	External battery depends	12V/9AHx16/32pcs	External battery depends	12V/9AHx16/32pcs	External batter depends
Backup Time	>6mins @ half load		>3mins @ half load		>2mins @ half load	
Charging Current	Standard model with internal battery, 10K:1A ; 15K~20K:4A; Long backup time model: 4A/8A					
Optional Configuration to Order	1. Battery capacity 7AH/9AH 2. Battery quantity 16pcs or 32pcs					
AC OUTPUT						
Wiring	1 phase 3 wires (L/N+PE) or dual phase 4 wires (L1/N1+L2/N2+PE)					
Output Voltage	High voltage 208/220/230/240VAC ; Low voltage 110/120VAC					
Output Frequency	50/60±4Hz(Sync mode) ; 50/60Hz±0.1%(Free run)					
Voltage Regulation	±3%					
Waveform	Pure sine wave					
Distortion(THDV%)	<2% (Linear load) ; <7% (Non-Linear load)					
Output Power Factor	0.9					
Overload Capability	10min@105%~125% ; 60s@125%~150% ; 0.5S@>150%					
Transfer Time	Line mode - Battery mode : 0ms					
HMI						
LCD Display	Input mains voltage, frequency, load level, operation mode, health status					
Standards Communication Interface	(1) RS232 port					
Optional Extension Card	(2) EPO / ROO port (3) Intelligent slot (4) USB port					
	(5) NetWork Card: Support SNMP/TCP/IP for remote monitoring the UPS via smart phone APP, web page, PC monitor software , support server / NAS shutdown					
	(6) CMC MODBUS card					
	(7) AS400 relay card					
OPERATING ENVIRONMENT						
Temperature Range	-10~50°C					
Relative Humidity	0-98% (Non-condensing)					
Acoustics Noise	<55dB @ 1 meters					
PHYSICAL PARAMETERS						
Dimension WxDxH(mm)	296x700x720	296x700x720	296x750x800	296x700x720	296x750x800	296x700x720
N.W(kg)	105	71	167	109	170	111

Product specifications are subject to change without prior notice.