

## Product Descriptions

Professional design is specifically customized for small and medium enterprises servers, rack mount, tower mount, etc. a variety of installation, online double conversion design, DSP digital technology, pure sine wave, excellent performance, high-grade appearance, which present the integration of advanced technology and traditional products.

## Product Features

- Load power factor is 0.8, adaptive for the development trend of electrical
- Equipment and the load capacity is more strong
- Active input power factor correction (PFC), input power factor is over 0.98
- Wide input voltage and frequency range, adaptive for extreme adverse grid environment of remote areas
- It can be connected with generators
- Zero transfer time effective ensures the safety and reliability of load operation



**1KVA-3KVA**

## Technical Specification

Model		C1K	C2K	C3K
Technical Data				
Nominal Output Capacity		1000VA/800W	2000VA/1600W	3000VA/2400W
AC Input	Input Voltage Range	115~300VAC±5		
	Input Frequency	(45~55) ±0.5Hz		
	Bypass Voltage	80VAC×(1±5%) ~ 285VAC×(1±5%)		
Battery Input	Battery Unit Voltage	24V	48V	72V
	Battery Installation	Internal		
	Backup Time (Half / Full)	Half Load ≥ 10mins; Full Load ≥ 5mins (Standard Type)		
	Maximum Power Input current	<150% of Nominal Current		
	Battery Charge Time	Long Time UPS Depends On The Capacity of External Battery Packs		
AC Output	Output Voltage	220Vac ±1% ( Inverter Output )		
	Output Frequency	50 ± 5Hz (AC Input Normal) ; 50Hz ± 1% (AC Input Abnormal)		
	Wave Form	Sine Wave THD < 3% (Linear Load); Sine Wave THD < 8% (Non-Linear Load)		
	Output Power Factor	0.8		
	Overload Capability	130% Continuous Load: Not Less Than 30S, Recovery Point: 90% Load		
	Output Current Crest	1:1		
	Transfer Time	0ms		
Communication & Monitoring Function		Rs232 (optional 485), Dry Contact, Intelligent Slot (Expandable SNMP, SMS, And OtherMonitoring		
Tower	N. W.(G.W.)(kgs)	8.5 / 9.5	9.9/11.9	22.5/24.5
	Unit Size (mm)	355*145*225 / 425*190*320		
	Marster Carton Size(mm)	475*455*345 / 525*325*460		
	Marster Carton Gross Weight(kgs)	18.6	19	24.5
	Qt'y / Marster Carton ( pcs)	2pcs / 1pcs		

## Product Descriptions

It adopts advanced DSP digital control technology, strong adaptability and flexible configuration, fully meet high reliability requirements of precision equipment and host server center.

## Product Features

- Output power factor: 0.8, more adaptable for the development trend
- Overall efficiency up to 90%, reduces ups power loss
- Smart battery management, extends the battery life time
- Super wide input voltage range, adaptive for extreme
- Online maintenance can be done securely when the load working
- A variety of communications and monitors ensure the power



**6KVA -20KVA**

## Technical Specification

Model		C6K	C6KS(R)	C10K	10KS(R)	3C10KS	3C15KS	3C20KS
Technical Data								
Nominal Output capacity		6000VA/4800W		10KVA/8KW		10KVA/8KW	15KVA/12KW	20KVA/12KW
Rated	Nominal Voltage	220Vac				380Vac		
	Nominal frequency	50Hz						
AC Input	Input Voltage range	120~275VAC±5				305~478VAC		
	Input frequency range	(45~55) ±0.5Hz						
	Bypass Voltage	80VAC×(1±5%)~285VAC×(1±5%)				190~520VAC		
Battery Input	Battery Unit voltage	Standard 192VDC (240VDC Optional)						
	Battery capacity & Number	12VDC x 16 (20PCS Optional)				External 12VDCx16pcs		
	Charge Current	Charge Current 4A (Long Run UPS)				4A		
AC Output	Output Voltage	220VAC ± 1% (Inverter Output)				220VAC±1%(Inverter output)		
	Output frequency	46~54Hz (AC Input Normal) ; 50Hz ± 1% (AC Input Abnormal)						
	Wave form	Sine Wave THD < 3% (Linear Load) ; Sine Wave THD < 8% (Non-Linear Load)						
	Output power factor	0.8						
	Overload	105~125%, Transfer To Bypass After 1 Min						
Communication & Monitoring Function		Rs232 (optional 485), Dry Contact, Intelligent Slot (Expandable SNMP, SMS, And Other Monitoring Mode)						
Tower	Net.Weight(KG)	57	17.88	59	19.24	24.5	25.25	
	Gross.Weight(KG)	64	21	65	22	30.5	31.25	
	Unit Dimension (W X H X D) mm	502*250*610	505*240*455	502*250*610	505*240*455	502*250*610		
	Carton Dimension (W X H X D) mm	650*350*720	595*395*590	650*350*720	595*395*590	650*350*720		
Rack	Weight (kg)	-	18.5	-	19.9	-		
	Dimension (W X H X D)	-	640×130×440	-	640×130×440	-		
	Carton Dimension (W X H X D) mm	-	795×575×255	-	795×575×255	-		