



ONLINE HIGH FREQUENCY UPS

Features:

- ★ Intelligent battery management system extends battery life
- ★ User's thermal replacement battery system
- ★ Strong lightning protection
- ★ Automatic adjustment to prevent signal burr
- ★ SNMP slot enables you to perform power network management as required
- ★ With EPO & ECO function
- ★ The DC startup function allows you to use UPS without AC
- ★ Settable start & shut down to save the loss of forgetting to start up UPS

Application:

- ★ Departmental servers
- ★ Small LAN
- ★ Workstation
- ★ IPC
- ★ Small medical devices
- ★ Small precision electronic instruments
- ★ Enterprise servers
- ★ Enterprise Lan
- ★ High-end servers
- ★ Network equipment
- ★ Data center room
- ★ Precision instruments
- ★ Sophisticated electronic equipment

Technical Parameter:

Model	CF1K(S)	CF2K(S)	CF3K(S)	CF6K(S)	CF10K(S)
Phase	Phase to ground				
Capacity	1000VA / 900W	2000VA / 1800W	3000VA / 2700W	6000 VA / 5400W	10000 VA / 9000 W
AC Input Voltage Range	110–300VAC@ 50% load, 160–280VAC@100% load			110–300VAC@ 50% load, 176–300VAC@100% load	
Frequency Range	40Hz~70 Hz			40Hz–70 Hz	
Power Factor	0.9				
Output Voltage	200/208/220/230/240VAC			208/220/230/240VAC	
Voltage Range(Battery Mode)	± 1%				
Frequency range (synchronous calibration range)	47~ 53 Hz or 57 ~ 63 Hz			46Hz ~ 54 Hz or 56Hz ~ 64 Hz	
Frequency Range (Battery Mode)	50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz			50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz	
Crest Factor Ratio	3:1				
Voltage Distortion	linear load≤3% THD / non-linear load≤6% THD			linear load≤3% THD / non-linear load≤5% THD	
AC to DC(Transfer Time)	0ms				
Invert to bypass	4 ms (Under standard conditions)			0ms	
Wave-form(Battery Mode)	Pure sine wave				
AC Mode	88%	88%	90%	92%	93%
Battery Mode	83%	85%	88%	90%	91%
Standard Model Battery Model	12V / 7.2AH	12V / 9AH	12V / 7.2AH	12V / 7.2AH	12V / 7.2AH
Standard Model Quantity	2	4	6	16 / 20(Specific)	16 / 20(Specific)
Standard Model Charging Current	1.0A	1.0A	1.0A	Preset:1.0 A ± 10%, Maximum:2.0A ± 10%	
Standard Model Charging Voltage	27.4VDC ± 1%	54.7VDC ± 1%	82.1 VDC ± 1%	218.4 VDC ± 1% / 273 VDC ± 1%	
Long Run Model Battery Model	Depend on requirments				
Long Run Model Quantity	(Specific)2 / 3	(Specific)4 / 6	(Specific)6 / 8	16–20(Adjustable)	
Long Run Model Maximum Charging Current	1A/2A/4A/6A(Adjustable)			1A/2A/4A/6A(Adjustable, 6A only for 16 pcs of batteries)	
Long Run Model Charging Voltage	27.4VDC ± 1% / 41.0VDC ± 1%	54.7VDC ± 1% / 82.1VDC ± 1%	82.1VDC ± 1% / 109.4VDC ± 1%	273VDC ± 1% (Based on 20)	
LCD or LED Display	Load level, Battery capacity, Utility power, Battery model, Bypass, Fault; Note: Domestic standard is LED display, Foreign standard is LCD display				
Battery Mode	Alarm beeps every four seconds				
Battery Low	Alarm beeps every second				
Overload	Alarm beeps every second				
Fault	Alarm beeps continuously				
Humidity&Temperature	Relative humidity 20–90 % and Temperature 0– 40°C (non-condensing)			Relative humidity 0–95% and Temperature 0–40°C (non-condensing)	
Noisy	< 50dBA @ 1 Meter				
Smart RS–232 / USB	Support Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC				
Optional SNMP	Power management supports SNMP management and network management				
Standard Model dimension	282*145*220	397*145*220	421*190*318	369*190*688	442*190*688
Standard Model weight(KG)	9.8	17	27.6	61 / 74	66 / 75
Long Run Model dimension	282*145*220	397*145*220	397*145*220	369*190*318	442*190*318
Long Run Model weight(KG)	4.1	6.8	7.4	12	16 / 18

Note: It is to be noted that all these parameters are subject to change without noticed.