

EX3110~3120K Series

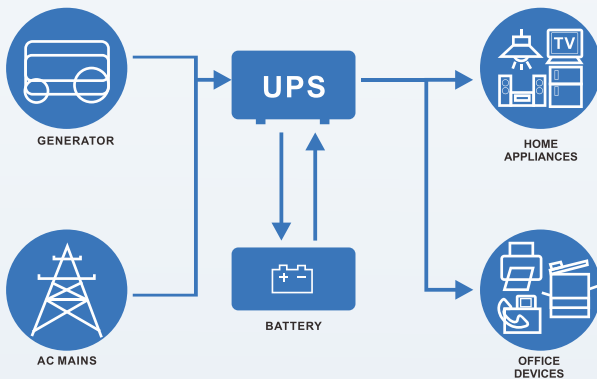


EX3110~3120KVA series high frequency online UPS is specially designed for servers, data-center critical network devices, sensitive electronic equipment, telecom, bank, hospital, bureau, traffic, public security, ATM and so on.

Features:

- ◆ Large Blue Ground LCD digital display shows Real time detailed status and parameters.
- ◆ Output Voltage, Frequency parameter can be set on the display.
- ◆ Advanced DSP technology, ensure long life reliability.
- ◆ Wide input voltage range, zero transfer time.
- ◆ True online double conversion technology.
- ◆ N+X parallel redundancy.
- ◆ Excellent protection against over voltage, over Load, over current, over charge and so on.
- ◆ Input L and N Lines reverse wiring detection, Auto start when AC back.
- ◆ DC start function, input PFC revises function.
- ◆ Auto bypass output.
- ◆ RS232 intelligent communication monitoring.
- ◆ AS-400 Dry contact and SNMP card remote intelligent control.
- ◆ Available to work with generators.
- ◆ Lightning, surge, short circuit, protection.

Application:



Home



Office



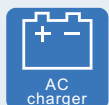
Farm



Industrial



sinewave output



AC charger



LCD/LED display

Specifications

High Frequency Online UPS

Model		EX3110K	EX3110KL	EX3115KL	EX3120KL
Capacity	VA/W	10KVA/8000W	10KVA/8000W	15KVA/12KW	20KVA/16KW
Input	Nominal Voltage	380VAC			
	Voltage Range	210~475VAC			
	Frequency Range	50Hz/60Hz(Adjustable); 50Hz:46 ~ 54Hz; 60Hz:56 ~ 64Hz			
	Phase	Three phase (4 Wires+Ground)			
	Power Factor	≥0.95			
Output	Voltage	200/208/220/230/240*(1±1%) VAC			
	Frequency	50/60Hz (Adjustable); 50Hz AC Mode: Follow AC Mode (AC Range 46~54Hz); Battery Mode: 50Hz (1±0.2%); 60Hz AC Mode: Follow AC Mode (AC Range 56~64Hz); Battery Mode: 60Hz (1±0.2%);			
	Wave Form	Pure sine wave			
	Power Factor	0.8			
	Harmonic Distortion	≤2% (Linear load); ≤6% (Nonlinear load)			
	Overload Capacity	Load < 105% work consistant; 105% < load < 125% 1min; 125% < load < 150% 30sec			
	Current Crest Ratio	3:1			
	Connections	Terminal block			
Efficiency	Battery Mode	87%			
	AC Mode	85%			
Battery	Type	Sealed free maintenance lead acid battery			
	Nominal DC voltage	Built in batteries 12V7.0AH	192VDC	192VDC	192VDC
	Quantity	16pcs	16pcs	16pcs	16pcs
	Back-up Time (Full Load)	≥3 minutes	Depends on requested Back-up time		
	Recharge Time	7 hours to 90%	Depends on the capacity of external battery bank		
	Charge Current (MAX)	1.0A	4.5 A	4.5 A	4.5 A
	Charge Voltage	219.5VDC±1%V	219.5VDC±1%V	219.5VDC±1%V	219.5VDC±1%V
Bypass	Automatic Transfer	On overload and UPS failure			
Transfer Time		Zero			
Indicators	LCD Display	UPS status, I/P & O/P voltage & frequency, Battery voltage, Battery capacity, Loading, Fault code			
Audible Alarm		Bypass, On battery mode, Battery low, Overload, Fault			
Acoustic Noise	At 1 Meter Distance	<55dB	<55dB	<60dB	<60dB
Communications	Intelligent RS232 serial port	Windows 98/NT/2000/XP/3000, Linux, Sun network , IBM Aix, Compaq True64 SGI IRIX, FreeBSD, HP-UX, MAC			
	SNMP (Optional)	Power management from SNMP manager and web browser			
	USB (Optional)	Windows family software and Mac OS			
Environmental	Operating Temperature	0~40℃			
	Operating Humidity	20-90% (No condensation)			
Weight	Net Weight (kgs)	65	26	35	35
UPS Dimension	L*W*H (mm)	500*248*616	500*248*616	500*248*616	500*248*616

◆ Product specifications are subject to change without further notice.