BEETA Series Online UPS (3:1 Phase)



10KVA-20KVA

Control Pancl



2. ON/OFF Button

3. Self-test/Silence Button 4. Scroll Button

6. Alarm 7. Abnormal

Application:

Server and other networking equipment

Features:

- 1. Three phase in, one phase out
 - High frequency and double conversion on-line technology
 - Fully digitized microprocessor control
 - Wide input voltage range
- LCD display
- Cold start
- 7. Parallel capacity Advanced battery management
- Lightning and surge protection 10. Short circuit and overload protection
- 11. Smart RS232 communication with monitoring
- software 12. Optional SNMP Card slot

Model		EFTS10240L	EFTS15240L	EFTS20240L
Capacity		10KVA	15KVA	20KVA
Input	Voltage Range	400V±20%		
	Frequency Range	50Hz±5Hz		
	Phase	Three phase		
	Power factor	>0.95		
Output	Voltage Range	220Vac±1%		
	Phase	Single phase		
	Frequency Range	Sychronized with utility on AC mode; 50Hz±0.2% on Battery mode		
	THD (linear load)	<2%		
	THD (non-linear load)	<6%		
	0.1.10.10.10.	105%" 130%, 10min turn to bypass mode:		
	Overload Capability	>130%, 1s turn to bypass mode		
	Crest Factor	3:1 (max)		
		5 cycles turn off inverter, no transfer to bypass, provide alarm (AC mode)		
	Short Circuit Protection	5 cycles turn off inverter, provide alarm (battery mode)		
	Parties of the Partie	input fuse blown or breaker action (bypass mode)		
	Waveform	pure sine wave		
	Transfer Time	oms (Between AC Mode and Battery Mode)		
	Efficiency	>88%		
Battery	DC Voltage	240VDC		
	Charge Current	10% of the battery capacity		
	Recharge Time	90% capacity after 8hrs charging		
ommunication Interface		RS232 ; SNMP (optional)		
Parallel port		Parallel availability for redundancy and load sharing up to three units		
LCD Indication		1. Input voltage/frequency, battery voltage, output voltage/frequency, load watt/VA and percent, inverted		
		temperature		
		Operation mode such as "on line", "on batt", or "or bypass"		
LED Indication		1. Green LED for normal operation, 2, 2. Yellow LED for warning condition, 3, 3. Red LED for abnormal operation		
Noise Level		<55dB		
Environment	Temperature	0~40°C		
	Humidity	o%~95% (non-condensing)		
	Altitude	<1500m		
	Storage Temperature	40~50°C		
Other	Standard Unit Net/Gross Weight	39/51Kg	60/74	Kg
	Dimension (WxDxH)mm	260x570x7171	320x620	x950
	Packing (WxDxH)mm	430x700x845	410x717x	1050

^{*}since upgradation is a continuous process, specification & features are subject to change without prior notice ** All specification can be reconfigure according to the user demand with the consent of R&D

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XS-Efficient

Series Online UPS (1:1 Phas



Application:

Small IT network, servers and other IT equipment.

Features:

- 1. High frequency and double conversion online text
- 2. Fully digitized microprocessor control
- 3. Wide input voltage range 4. LCD display
- 5. UPS start up without battery 6. Cold start

EFSS3K72L EFSS3K96L

- 7. Advanced battery management
- 8. Lightning and surge protection 9. Shot circuit and overload protection
- 10. Network/fax/modem surge kprotection 11. Smart RS232 communication with monitoring so 12. Optional SNMP card slot

EFSS6K240L

6KVA/4.2KW

EFSS10K240L

10KVA/7kW

Voltage Range 176V-276VAC±5V When load>60%, input range is 160±5VAC-295±5VAC Frequency Range Single phase Power Factor >0.98 Voltage Range 220/230Vac±2% Frequency Range Sychronized with the utility on AC mode; 50Hz±0.2% on Battery mode THD (linear load) <3% <2% THD (non-linear load) Overload Capability >110%, 30s turn to bypass mode:>150%, 200ms turn to bypass mode Crest Factor 5 cycles turn off inverter, no transfer to bypass, provide alarm (AC mode) 5 cycles turn off inverter, provide alarm (battery mode) input fuse bio Short Circuit Protection or breaker action (bypass mode) Waveform Pure Sine Wave Between AC Mode and Battery Mode : oms Transfer Time Between AC Mode and Bypass Mode 4ms (typical value 2.5ms) Efficiency >83% >88% >85% Model 1 2V sealed lead acid maintenance free DC Voltage 24VDC 72VDC 240VDC SMPS Based Charging Technology Charge Current 5A Recharge Time 90% capacity after 8hrs charging INDICATION & COMMUNICATION munication Interface RS232 ; SNMP (optional) Input voltage/frequency, battery voltage, output voltage/frequency, load watt/VA and percent, inverter temperature LCD

EFSS2K96L

When load<60%, input range is 115±5VAC-295±5VAC

2. Operation mode such as "on line", "on batt", or "or bypass" 1. Green LED for normal operation, LED 2. Yellow LED for warning condition Red LED for abnormal operation ENVIRONMENT Noise Level <55dB Temperature 0~40°C Humidity 0%~95% (non-condensing) Altitude Storage Temperature 25~55'C

14/16Kg

258×524×334 258×524×334 332×603×482 332×603×482 332×603×482 332×603×482 370×670×940

191x478x339 191x478x339 270×570×720

Smart Power Solutions

14/16Kg

144×419×215 191×478×339 191×478×339

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8/10Kg

8/10Kg

144×419×215

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Infinity Gama Series Online UPS (3:3 Phase) 10-300 kVA Advanced 3 Phase Power Protection for Small-Medium Server Rooms, Data Centers,

Applications

Industrial, Telecom and other mission-critical

Standard Unit Net/Gross Weight

Dimension (WxDxH)mm



GENERAL FEATURES True On Line - Double Conversion Technology

Latest Technology Floating Point (DSP) Controllers IGBT PWM Rectifier & Inverter Technology

- Advanced battery management 2500 event log with detailed parameters record
- Static& manual bypass operation Easy and free power upgrade
- Multi lingual LCD panel Overload and short circuit protection
- Advanced Communication Capabilities Perfect Generator compatibility
- Customizable as frequency converter Cold Start function Auto Restart function
- Emergency Power Off Digital Control System

Advanced User Interface





Parallel Operation Features

