

ONLINE UPS 3PH/1PH PI SERIES

(10KVA - 30KVA)

UPS

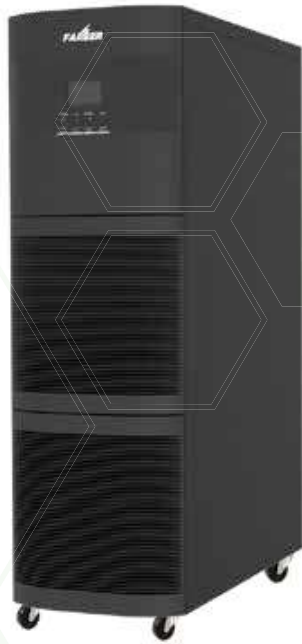
INVERTERS

ACCESSORIES

AVR

BATTERIES

SOLAR SOLUTION



0.9

Output power factor



Adjustable charging current (can support all battery sizes)



Support parallel function

BENEFITS

- True online double-conversion technology with high power density, utility frequency independence
- DSP technology to guarantee high reliability
- 50Hz/60Hz frequency converter mode
- Cold start function to startup the UPS without utility
- Emergency power off (EPO) function
- N+X parallel redundancy
- Three segment charging mode to increase battery service life, optimize recharge time
- Maintenance bypass available
- Optional touch colored LCD screen
- Parallel capability up to 3 units.

APPLICATION



Factories



Internet networks



Hospital & testing laboratories

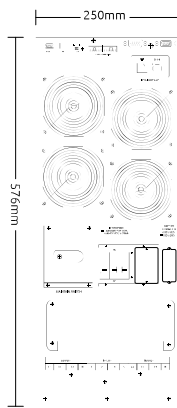


Fire & alarm system

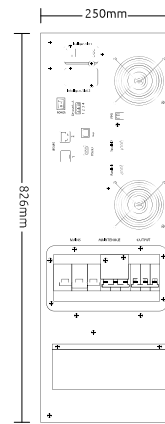


Servers

SCHEMATICS



(10KVA-20KVA)



(30KVA)

FEATURES



Support dual main input



Zero transfer time



Stable output voltage & frequency



Smart system support
SNMP, Modbus and parallel kit cards



ECO mode feature, which can increase battery life and decrease losses (Increase system efficiency)

SPECIFICATION

MODEL	FA-UPSX-240V-10KVA-3PH/1PH	FA-UPSX-240V-15KVA-3PH/1PH	FA-UPSX-240V-20KVA-3PH/1PH	FA-UPSX-240V-30KVA-3PH/1PH	
PHASE	3-phase in / 1-phase out				
Capacity(VA/Watts)	10000 VA/9000 W	15000 VA/13500 W	20000 VA/18000 W	30000VA/27000W	
INPUT					
Nominal Voltage	3 x 400 VAC (3Ph+N)				
Voltage Range	190-520 VAC (3-phase) at 50% load ; 305-478 VAC (3-phase) at 100% load				
Frequency range	46~54Hz or 56~64Hz				
Power factor	≥ 0.99 @ 100% Load				
OUTPUT					
Output voltage	208/220/230/240VAC				
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz				
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz				
Current Crest Ratio	3:1				
Harmonic Distortion	<2 % THD (Linear Load) <5 % THD (Non-linear Load)				
Transfer Time AC Mode to Batt. Mode	Zero				
Transfer Time Inverter to Bypass	Zero				
Waveform (Batt. Mode)	Pure Sine wave				
BATTERY					
Standard Model	Battery Type	12 V / 9 Ah or 12 V / 7Ah			
	Numbers	20 pcs	20 pcs x2 strings	20 pcs x3 strings	
	Typical Recharge Time	9 hours recover to 90% capacity			
	Charging Current (Max.)	1A	2A	2A	4A
	Charging Voltage	273 VDC ± 1% (Based on 20pcs batteries)			
Long-run Model	Battery Type	Depending on applications			
	Numbers	Depending on applications			
	Charging Current (Max.)	4A	8A	8A	12A
	Charging Voltage	273 VDC ± 1% (Based on 20pcs batteries)			
ALARM					
Battery Mode	Sounding every 4 seconds				
Low Battery	Sounding every second				
Overload	Sounding twice every second				
Fault	Continuously sounding				
PHYSICAL					
Standard Model	Dimension, DxWxH (mm)	592 x 250 x 576	815 x 250 x 826	815 x 300 x 1000	
	Net Weight (kgs)	83	164	234	
Long-run Model	Dimension, DxWxH (mm)	592 x 250 x 576		815 x 250 x 826	
	Net Weight (kgs)	28	40	64	
ENVIRONMENT					
Humidity	0-95 % RH @ 0- 40°C (Non-condensing)				
Noise Level	Less than 58dB @ 1 Meter	Less than 60dB @ 1 Meter	Less than 65dB @ 1 Meter		

UPS

INVERTERS

ACCESSORIES

AVR

BATTERIES

SOLAR SOLUTION



Weather sensors (Optional)



Full protection for all common hazards



Include a system monitoring software



Support Email, SMS and trap IP alarm notifications