

1PH-ONLINE UPS CONNECT SERIES

(1KVA - 10KVA)



0.9

Output power factor



Full protection for all common hazards

1

Year Warranty

BENEFITS

- ✓ True online double-conversion technology with high power density, utility frequency independence.
- ✓ Wide Input voltage range (110V-300V).
- ✓ Output power factor 0.9 (0.8 optional).
- ✓ Adjustable output voltage (220V-240V).
- ✓ 50/60 Hz frequency converter mode.
- ✓ Input power factor correction.
- ✓ Three segment charging mode to increase battery service life, optimize recharge time.
- ✓ Selectable High Efficiency mode of operation.
- ✓ Cold start function to startup the UPS without utility.
- ✓ Emergency, shutdown control through the remote emergency power-off (EPO) port.
- ✓ Power shedding function may turn off uncritical load in battery backup to make longer backup time for critical load.

APPLICATION



Internet networks



Hospital & testing laboratories

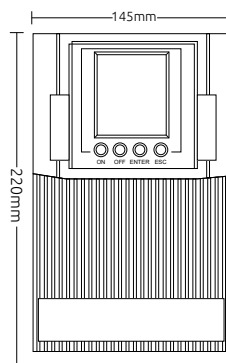


Fire & alarm system



Servers

SCHEMATICS



(1KVA)

FEATURES



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-UPSC-24V-1KVA-1PH	FA-UPSC-48V-2KVA-1PH	FA-UPSC-72V-3KVA-1PH	FA-UPSC-144V-6KVA-1PH	FA-UPSC-192V-10KVA-1PH
PHASE	1 phase in/ 1 phase out				
Capacity(VA/Watts)	1000 VA/900 W	2000 VA/1800 W	3000 VA/2700 W	6000 VA/5400 W	10000 VA/9000 W
INPUT					
Input Voltage Range	110-300 VAC ± 5% at 50% load 160-300 VAC ± 5 % at 100% load			110-300 VAC @ 0~60% load; 140-300 VAC @ 60~80 % load; 176-300 VAC @ 80~100 % load	
Frequency range	40 Hz ~ 70 Hz			46 ~54 Hz or 56~64 Hz	
Power factor	≥ 0.99 (100% Load)				
OUTPUT					
Output voltage	200/208/220/230/240 VAC			208/220/230/240 VAC	
AC Voltage Regulation (Batt. Mode)	± 1%				
Transfer Time AC to DC	Zero			Zero	
Transfer Time Inverter to Bypass	4 ms (Typical)			Zero	
Waveform (Batt. Mode)	Pure Sine wave				
EFFICIENCY					
Line Mode	≥ 91% @ battery fully charged				
ECO Mode	≥ 96% @ battery fully charged				
Battery Mode	≥ 90%			91%	
BATTERY					
Stander Battery type	12V/7 Ah or 12V/ 9 Ah				
External Battery type	Depending on applications (65AH - 200AH)				
Numbers	2	4	6	(16-20) optional	
Typical Recharge Time	9 hours recover to 90% capacity				
Charging Current	200/208/220/230/240 VAC Models: default 1A, max. 2A				
Charging Voltage	27.5 VDC ±1%	54.8 VDC ±1%	82.1 VDC ±1%	273 VDC ±1%	
ALARM					
Battery Mode	Sounding every 5 seconds				
Low Battery	Sounding every 2 seconds				
Overload	Sounding every second				
Fault	Continuously sounding				
ENVIRONMENTAL					
Humidity	20-90% RH @ 0- 45°C (Non-condensing)				
Noise Level	Less than 50dBA@1 Meter				
PHYSICAL					
Dimension D*W*H (mm)	140 x 191 x 327	151 x 225 x 394	196 x 342 x 416	196x702x412	196x702x412
Net Weight (kgs)	10.1	17.14	21.3	63	68



Weather sensors (Optional)



Full protection for all common hazards



Include a system monitoring software



Support Email, SMS and trap IP alarm notifications