

1PH-ONLINE UPS TELECOM SERIES

(1KVA)



0.8

Output power factor



Full protection for all common hazards



Support remote monitoring & control

BENEFITS

- ✓ True online double-conversion technology with high power density, utility frequency independence.
- ✓ Wide Input voltage range (110V-300V).
- ✓ Output power factor 0.8.
- ✓ 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

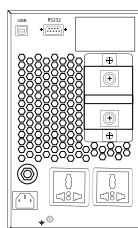
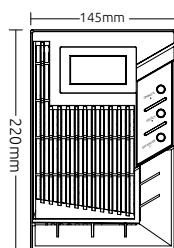


Fire & alarm system



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-UPSE-12V-1KVA-1PH
PHASE	1 phase in/ 1 phase out
Capacity(VA/Watts)	1000 VA/800 W
INPUT	
Nominal Voltage	208/220/230/240 VAC
Input Voltage Range	110-300 VAC \pm 5% at 50% load 160-300 VAC \pm 5 % at 100% load
Frequency Range	40 Hz ~ 70 Hz
Power Factor	\geq 0.99 (100% Load)
Phase	Single phase with ground
OUTPUT	
Output voltage	200*/208*/220/230/240 VAC
AC Voltage Regulation (Batt. Mode)	\pm 1%
Frequency Range (Batt. Mode)	50 Hz \pm 0.1 Hz or 60Hz \pm 0.1 Hz
Frequency Range (Synchronized Range)	46~54 Hz @ 50 Hz or 56~64 Hz @ 60 Hz
Transfer Time AC to DC	Zero
Transfer Time Inverter to Bypass	4 ms (Typical)
Waveform (Batt. Mode)	Pure Sine wave
EFFICIENCY	
Line Mode	\geq 91% @ battery fully charged
ECO Mode	\geq 96% @ battery fully charged
Battery Mode	\geq 90%
BATTERY	
Stander Battery type	12V/65AH-12V/200AH
Numbers	1
Typical Recharge Time	9 hours recover to 90% capacity
Charging Current	200/208/220/230/240 VAC Models: default 10A
Charging Voltage	14.2 VDC \pm 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)	282 x 145 x 220
Net Weight (kgs)	4.5



Weather sensors (Optional)



Full protection for all common hazards



Include a system monitoring software



Support Email, SMS and trap IP alarm notifications