1PH-ONLINE UPS PI SERIES

(1KVA - 10KVA)



Unity output power





factor

Adjustable charging current (can support all battery sizes)

Support parallel function

BENEFITS

- ✓ Wide Input voltage range (110V-300V)
- ✓ Adjustable output voltage (220V-240V).
- ✓ 50/60 Hz frequency converter mode.
- ✓ Input power factor correction.
- ✓ True online double-conversion technology with high power density, utility frequency independence
- ✓ 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
- ☑ Parallel capability up to 3 units (for 6KVA & 10KVA)
- ☑ 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
- ✓ Rack-mount design.

APPLICATION



Internet networks





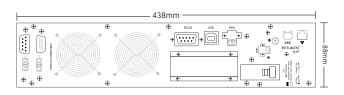


Hospital & testing

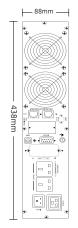
Fire & alarm system

Servers

SCHEMATICS



(6KVA-10KVA)



(3KVA)

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)





Capacity(VA/Watts) 1000 VA/1000 W 1000 VA/1500 W 2000 VA/2000 W 3000 VA/3000 W 1000 0 VA/1000 0 W	MODEL	FA-UPSX-36V- 1KVA-1PH	FA-UPSX-36V- 1.5KVA-1PH	FA-UPSX-48V- 2KVA-1PH	FA-UPSX-72V- 3KVA-1PH	FA-UPSX-240V- 6KVA-1PH	FA-UPSX-240V- 10KVA-1PH	
Table Tab	PHASE	1 phase in/ 1 phase out						
Injust Voltage Range	Capacity(VA/Watts)	1000 VA/1000 W	1500 VA/1500 W	2000 VA/2000 W	3000 VA/3000 W	6000 VA/6000 W	10000 VA/10000 W	
Input Voltage Range				INPUT				
Power factor	Input Voltage Range				140-300 VAC @ 60~80 % load;			
Output voltage 200/208/220/230/240 VAC 208/220/230/240 VAC AC Voltage Regulation (Batt. Mode) ± 1% 208/220/230/240 VAC AC Voltage Regulation (Batt. Mode) Zero Zero Zero Transfer Time Inverter to Bypass 5 Pure Sine wave Vere Sine	Frequency range	40 Hz ~ 70 Hz			46 ~54 Hz or 56~64 Hz			
Output voltage 200/208/220/230/240 VAC 208/220/230/240 VAC AC Voltage Regulation (Batt. Mode) Zero Zero Transfer Time AC to DC Zero Zero Transfer Time Inverter to Bypass 9 mre Sine west Zero ***********************************	Power factor	≥ 0.99 (100% Load)						
AC Voltage Regulation (Batt. Mode) Transfer Time AC to DC Transfer Time Inverter to Bypass WaveForm (Batt. Mode) Transfer Time Inverter to Bypass Transfer Time Inverter to Bypass Transfer Time Inverter to Bypass Transfer Battery Mode Transfer Battery to Bypass Transfer Battery to Bypass Transfer Battery to Bypass Transfer Battery to Bypass Transfer Battery Mode Transfer Time Inverter to Bypass Transfer Battery Fully charged Transfer Battery Ful		OUTPUT						
Mode	Output voltage	200/208/220/230/240 VAC			208/220/230/240 VAC			
Transfer Time Inverter to Bypass 4 ms (Tylical) 7 error 1 e	AC Voltage Regulation (Batt. Mode)	± 1%						
### Spass	Transfer Time AC to DC	Zero				Zero		
Septemble Sep	Transfer Time Inverter to Bypass	4 ms (Typical)				Zero		
Line Mode	Waveform (Batt. Mode)	Pure Sine wave						
ECO Mode				EFFICIENCY				
### Pattery Mode Pattery Mode Pattery	Line Mode	≥ 91% @ battery fully charged						
Stander Battery type	ECO Mode	≥ 96% @ battery fully charged						
Stander Battery type	Battery Mode	≥ 90% 91%						
External Battery type Depending on applications (65AH - 200AH) Numbers 3 3 4 6 20 20 Typical Recharge Time 9 hours recover to 90% capacity Charging Current 200/208/220/230/240 VAC Models: default 2A, max. 12A default 1A, max. 4A adjustable Charging Voltage 41.1 VDC ±1% 54.8 VDC ±1% 82.1 VDC ±1% 273 VDC ±1% Battery Mode Sounding every 5 seconds Low Battery Sounding every 2 seconds Overload Sounding every 9 second Fault Continuously sounding Environmental Humidity 20-90% RH @ 0-45°C (Non-condensing) Noise Level Less than 50dBa@1 Meter Full Matter Environmental Matter<		BATTERY						
Numbers 3 3 4 6 20 20 Typical Recharge Time 9 hours recover to 90% capacity Charging Current 200/208/220/230/240 VAC Models: default 2A, max. 12A default 1A, max. 4A adjustable Charging Voltage 41.1 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) 410 x 438 x 88 410 x 438 x 88 510 x 438 x 88 630 x 438 x 88 600 x 438 x 88	Stander Battery type	12V/7 Ah or 12V/ 9 Ah						
Typical Recharge Time 9 hours recover to 90% capacity Charging Current 200/208/220/230/240 VAC Models: default 2A, max. 12A default 1A, max. 4A adjustable Charging Voltage 41.1 VDC ±1% 54.8 VDC ±1% 82.1 VDC ±1% 273 VDC ±1% 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) 410 x 438 x 88 410 x 438 x 88 510 x 438 x 88 630 x 438 x 88 600 x 438 x 88	External Battery type	· · · · · · · · · · · · · · · · · · ·						
Charging Current 200/208/220/230/240 VAC Models: default 2A, max. 12A default 1A, max. 4A adjustable Charging Voltage 41.1 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) 410 x 438 x 88 410 x 438 x 88 510 x 438 x 88 630 x 438 x 88 600x438 x 88	Numbers	3	3	4	6	20	20	
Charging Voltage 41.1 VDC ±1% 41.1 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) 410 x 438 x 88 410 x 438 x 88 510 x 438 x 88 630 x 438 x 88 600x438x88	Typical Recharge Time	· ·						
Battery Mode Sounding every 5 seconds Low Battery 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) 410 x 438 x 88 410 x 438 x 88 510 x 438 x 88 630 x 438 x 88 600x438 x88	Charging Current					x. 4A adjustable		
Battery Mode Sounding every 5 seconds Low Battery Sounding every 2 seconds Overload Sounding every second 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) 410 x 438 x 88 410 x 438 x 88 510 x 438 x 88 630 x 438 x 88 600x438 x 88	Charging Voltage	41.1 VDC ±1%	41.1 VDC ±1%	54.8 VDC ±1%	82.1 VDC ±1%	273 V	DC ±1%	
Low Battery Overload Sounding every 2 seconds 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) 410 x 438 x 88 410 x 438 x 88 510 x 438 x 88 630 x 438 x 88 600x438 x88				ALARM				
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) 410 x 438 x 88 410 x 438 x 88 630 x 438 x 88 600 x 438 x 88	Battery Mode	Sounding every 5 seconds						
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) 410 x 438 x 88 410 x 438 x 88 510 x 438 x 88 630 x 438 x 88 600x438x88	Low Battery	Sounding every 2 seconds						
ENVIRONMENTAL	Overload	Sounding every second						
Humidity 20-90% RH @ 0-45°C (Non-condensing) Noise Level Less than 50dBA@1 Meter PHYSICAL Dimension D*W*H (mm) 410 x 438 x 88 410 x 438 x 88 510 x 438 x 88 630 x 438 x 88 600x438x88	Fault	Continuously sounding						
Noise Level Less than 50dBA@1 Meter PHYSICAL Dimension D*W*H (mm) 410 x 438 x 88 410 x 438 x 88 510 x 438 x 88 630 x 438 x 88 600x438x88			EN	VIRONMENTAL				
PHYSICAL Dimension D*W*H (mm) 410 x 438 x 88 410 x 438 x 88 510 x 438 x 88 630 x 438 x 88 600x438x88	Humidity	20-90% RH @ 0- 45°C (Non-condensing)						
Dimension D*W*H (mm) 410 x 438 x 88 410 x 438 x 88 510 x 438 x 88 630 x 438 x 88 600x438x88	Noise Level	Less than 50dBA@1 Meter						
. ,				PHYSICAL				
Net Weight (kgs) 14.1 15.5 19.5 27.5 15 18	Dimension D*W*H (mm)	410 x 438 x 88	410 x 438 x 88	510 x 438 x 88	630 x 438 x 88	600x	438x88	
	Net Weight (kgs)	14.1	15.5	19.5	27.5	15	18	



Weather sensors (Optional)



Full protection for all common hazards



Include a system monitoring software



Support Email, SMS and trap IP alarm notifications