UPS

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





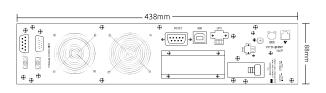


Hospital & testing

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)



PASS	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	
This continue	PHASE	1 phase in/ 1 phase out						
Thin	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	
Prequency range				INPUT				
Power factor Supplie	Input Voltage Range					140-300 VAC @ 60~80 % load;		
Output voltage 200/200/220/230/240 VAC 200/200/230/240 VAC 200/200/230/240 VAC 200/200/230/240 VAC AC Voltage Regulation (Balt. Mode) Care of Care o	Frequency range	40 Hz ~ 70 Hz				46 ~54 Hz or 56~64 Hz		
\$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Power factor	≥ 0.99 (100% Load)						
A C Voltage Regulation (Batt. Mode)				OUTPUT				
Transfer Time AC to DC Tansfer Time Inverter to Bypass S	Output voltage	200/208/220/230/240 VAC				208/220/230/240 VAC		
Ryansfer Time Invertee to Byass A missing File Inverse to Pure Service Se		± 1%						
Flygrags Flygrags Jevin Je	Transfer Time AC to DC	Zero Zero					его	
EFFICIENCY Line Mode ≥ 91% © battery fully charged ECO Mode ≥ 96% © battery fully charged Battery Mode ≥ 90% SPATTERY Stanter Battery type 12V/7 Ah or 12V/9 Ah External Battery type 3 3 4 6 20 20 Numbers 3 3 4 6 20 20 Typical Recharge Time 9 hours recover to 90% capacity Charging Current 200/20/230/240 VAC **Vectels: default 2A, max. 12A default 1A, max. 4A adjustable Charging Voltage 41.1 VDC ±1 82.1 VDC ±1 273 VDC ±1 Battery Mode 50 unding every 5 seconds Low Battery Sounding every 5 seconds Continuo Use 10 unding every 5 seconds Sounding every 5 seconds Sounding every 5 seconds Continuo Use 10 unding every 5 seconds Sounding every 5 seconds Continuo Use 10 unding every 5 seconds <td cols<="" td=""><td></td><td colspan="5">4 ms (Typical) Zero</td><td>ero</td></td>	<td></td> <td colspan="5">4 ms (Typical) Zero</td> <td>ero</td>		4 ms (Typical) Zero					ero
Elon Mode	Waveform (Batt. Mode)	Pure Sine wave						
ECO Mode				EFFICIENCY				
Battery Mode ≥ JSATTERY Stander Battery type 12V/7 Ab or 12V/9 Ab External Battery type Depending on applications (65AH - 200AH) Numbers 3 4 6 20 20 Typical Recharge Time 200/208/220/230/240 VAC Models: default 2A, max. 12A default 1A, max. 4A adjustable Charging Outrage 41.1 VDC ±1% 41.1 VDC ±1% 82.1 VDC ±1% 22.3 VDC ±1% 22.	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 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% 273 VDC ±1% Battery Mode Sounding every 5 seconds Low Battery Sounding every 2 seconds Overload Sounding every 5 seconds Fault Sounding every 5 seconds Humidity Continuous burding Humidity Less than 50 second burden Noise Level Less than 50 second burden Less than 50 second burden 600 second burden 600 second burde				BATTERY				
Numbers 3 3 4 6 20 20 Typical Recharge Time 9 hours recover to 90% capacity 4 6 20 20 Charging Current 200/208/220/230/240 VAC Moels: default 2A, max. 12A default 1A, max. 4A adjustable 273 VDC ±1% Lokarging 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 50 BA @ 1 Meter Environmental Environmental Low Battery Low Battery Continuously sounding Environmental Low Battery Low Battery Low Battery	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% 41.1 VDC ±1% 54.8 VDC ±1% 82.1 VDC ±1% 273 VDC ±1%	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% 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 50dB @ 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	Numbers	3	3	4	6	20	20	
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	Typical Recharge Time	9 hours recover to 90% capacity						
Battery Mode Sounding every 5 seconds Low Battery Overload Sounding every 2 seconds Overload Sounding every 2 seconds Fault Continuously sounding **Table*** **Table** **Table*** **Table** **T	Charging Current						x. 4A adjustable	
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 Dimension D*W*H (mm) 410 x 438 x 88 410 x 438 x 88 630 x 438 x 88 600x438x88	Charging Voltage	41.1 VDC ±1%	41.1 VDC ±1%	54.8 VDC ±1%	82.1 VDC ±1%	273 V	DC ±1%	
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 88 630 x 438 x 88 630 x 438 x 88 600x438 x 88				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 88 510 x 438 x 88 630 x 438 x 88 600x438x88	Battery Mode	Sounding every 5 seconds						
Fault Continuously sounding	Low Battery	Sounding every 2 seconds						
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	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 @ 0-4	5°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