

# **J S** (آئلایان)

- فناوری میکروکنترلر
- نمایشگر LCD و LED
  - طراحی مدولار
- حفاظت از ولتاژ بالا/پایین، اضافه بار،اتصال کوتاه
  - کارت وب Wifi برای مانیتورینگ UPS
    - دارای باتری خارجی
    - قابلیت تنظیم ولتاژیایین و بالا AC



### Online UPS FaNpA Power range: 1KVA to 3KVA

- ttr. Pr.								
MODEL		1KVA i	1KVA	2KVA i	2KVA	3KVA i	3KVA	
PHASE					with ground			
Capacity (VA/Watts)		1000VA / 900W		\ 2000VA 1800W		3000VA / 2700W		
INPUT								
Nominal volta	age			208/220/23	30/240VAC			
Operating voltage	Low line transfer	176Vac±5% @100%-50% load; 110Vac±5% @50%-0% load;						
range (Ambient Temp. <40°C)	High line transfer	264Vac±5% @100%-50% load; 300Vac±5% @50%-0% load;						
Operating fre range	equency	40-70Hz						
Power factor			0.9	98@100% load(No	ominal Input Vol	tage)		
Bypass voltage range		Bypass high voltage point 230-264: setting the high voltage point in LCD from 230Vac to 264Vac. (Default: 264Vac) Bypass low voltage point 176-220: setting the low voltage point in LCD from 170Vac to 220Vac. (Default: 170Vac)						
Generator in	put		-		port			
OUTPUT					•			
Output voltage	ge			208/220/2	30/240Vac			
Power factor		0.9						
Voltage regulation		±1%						
Frequency Line Mode (synchroni zed range)		46-54Hz or 56-64Hz						
	Bat. Mode	(50/60±0.1)Hz						
Crest factor		3:1						
Harmonic dis	stortion	≤3% THDwith linear load ≤5% THD with non linear load						
Waveform		Pure Sinewave						
Transfer	AC mode <->Batt. mode	Zero						
time	Inverter <->	4ms(Typical)						
	bypass Line mode	88%		90%		90%		
Efficiency	Batt mode		85%			90	90%	
BATTERY								
Battery Type		12V9AH	depends on the capacity of external batteries	12V9AH	depends on the capacity of external batteries	12V9AH	depends on the capacity of external batteries	
Numbers		2	2	4	4	8	8	
Backup time		Long run unit depends on the capacity of external batteries						
Typical recharge		4 hours recover to 90% capacity (Typical)						
time(standard modle) Charging voltage		27.4 VDC ±1%	27.4 VDC ±1%	55 VDC ±1%	55 VDC ±1%	110 VDC ±1%	110V DC ±1%	



Charge current		1A	12A	1A	12A	1A	12A
SYSTEM FEATURES							
Overload	Line Mode Battery Mode	105%~125%: UPS transfer to bypass after 1minute when the utility is normal 125%~130%: UPS transfer to bypass after 30 seconds when the utility is normal >130%: UPS transfer to bypass immediately when the utility is normal					
Short Circuit		Hold Whole System					
Overheat		Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately					
Low battery v	oltage	Alarm and Switch off					
EPO (optional)		Shut down UPS immediately					
Audible & Visual alarms		Line Failure, Battery Low, Overload, System Fault					
Comunication interface		USB(or RS232), SNMPcard(optional), Relay card (optional)					
ENVIRONME	ENVIRONMENTAL						
Operating temperature		0℃~40℃					
Storage temperature		-25℃~55℃					
Humidity range		20-90 % RH @ 0- 40°C (non-condensing)					
Altitude		< 1500m					
Noise level		Less than 55dBA at 1 Meter					
PHYSICAL							
Dimension W (mm)	ension W×H×D 144* 209* 293 144* 209* 293 191* 337* 460						
Net Weight (kg	g)	9.3	4.1	19.5	10	32.8	10
STANDARDS							
Safety		IEC/EN62040-1,IEC/EN60950-1					
EMC		IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8					

- \* Derate to 80% of capacity when the output voltage is adjusted to 208VAC
- \*\* Derate to 75% of capacity when the Input voltage frequency out of range(50/60 $\pm$ 4Hz)
- \*\*\* Product specifications are subject to change without further notice.









### Online UPS

## FaNpA Power range: 6 & 10 KVA

	MODEL	6kVA	10kVA		
Capacity (VA/Watts)		6k / 5.4k	10k/ 9k		
	Input	Single phase & Ground			
	Power factor	≥ 0.99(input THDV ≤1%)			
	Rated voltage	220Vac / 230Vac / 240Vac			
	Rated frequency	50Hz/60Hz Automatically selected			
	Voltage range	110∼286Vac			
8	Frequency range	40~70Hz			
AC INPUT		220Vac max: default +25% (+10% ,+15% , 20% , 25%)			
🖣	Pypaga valtaga ranga	230Vac max: default +20% (+10% ,+15%, 20% )			
	Bypass voltage range	240Vac max: default +15% (	(+10% ,+15%)		
		min: default-45%(-20%, -30%	% , -45%, )		
	Bypass frequency range	±1%、±2%、±4%、±5%、±	10%		
	THDI	≤3% (100% liner load, input	THDV ≤1%)		
	THDI	≤5% (100% non liner load, input THDV ≤1%)			
	Battery number	16/18/20 Pcs. Can be set			
B. [	Battery type	VRLA			
BATTERY	Charge model	Boost charge or float charge auto switch			
🖁 [	Charge time	Boost charge up to 20Hr(Max)			
	Charge current (MAX.)	10A(H) 1A(S)			
D	Output type	Single phase & Ground			
АС ОИТРИТ	Voltage regulation	±1.0%			
ŭ	Voltage distortion(THD)	less than 2% at 100% liner load			
꼭	voltage distortion (TTD)	less than 5% at 100% non-liner load			
	Rated voltage	220V/230V/ 240Vac can be setted			
	Frequency regulation	±0.1% (stand alone)			
	r requerity regulation	±0.25% (parallel operation)			
	Frequency	Utility mode: tracking mains frequency			
	requeries	Battery mode: 50Hz/60Hz			
	Frequency track speed	1Hz/s (stand alone)			
AC	Trequeries track speed	0.5Hz/s (parallel operation)			
은	load capacity	105 % $\sim$ 110 %, lasts 1 hou	ır		
UTPUT	(Mains, drop a level in	110%~125%,lasts 10 minutes			
≒	battery mode)	125%~150%, lasts 1 minute			
	(PF0.9)	>150%, switch to bypass immediately			
	load capacity	105%~110%,lasts 10 minutes			
	(Mains, drop a level in	110%~130%, lasts 1 minute			
	battery mode) (PF1.0)	>130%, switch to bypass in	nmediately		

		>95%, can not inverter-fed				
		Load for a long time when rated output current under 125%				
	Overload for bypass	Bypass load capacity is controlled by bypass circuit breaker,				
		tripping when circuit breaker operating current.				
	Crest factor	3:1				
	Efficiency at AC	≥92%				
	D	± 5.0% (100% balance load)				
	Dynamic respond	≤5% in a cycle				
	lanca mta na antoni	When current instantaneous value is 2~3 times of rated				
	Inverter output current limit	current peaks (1.414 * rated p	ower/(3*220)), the inverter will			
	current limit	be conducted in each pulse cu	irrent limit protection.			
	DC component	≤200mV				
SV	Between Normal	Ome				
vitc	and battery mode	0ms				
Switch time	Between inverter	0ms				
_ в	and bypass	<15ms (50Hz), <13.33ms (60Hz)				
	Noise(1m)	<55dB	<58dB			
	Display	LED+LCD				
	Safety	Meeting IEC62040-1, GB4943				
	Max input voltage	320Vac, 1 hour (static)				
		Conduction: IEC 62040-2				
	EMI	Radiation: IEC 62040-2				
		Harmonics: IEC 62040-2				
	EMS	IEC 62040-2				
	Isolation resistance	> 2MΩ (500Vdc)				
	Isolation intension	2820Vdc, <3.5mA, 1min				
	Surge	Meeting IEC60664-1 1.2/50uS+8/20uS 6kV/3kA.				
Protection		IP20				
	Parallel circumfluence	1+1≤8%, N+1≤3%				
	Parallel equal current	1+1≤8%, N+1≤10%				
	Model	6kVA-10kVA series				
	Temperature	0°C~40°C				
	Relative humidity	$0{\sim}95\%$ non-condensing				
	Altitude	<1500m. when >1500m, lower the rated power for use				

Mechanical Characteristics			
Height	mm	337	
Width	mm	191	
Depth	mm	460	
Net weight	kg	6K/10K:13/14.5	

# با ما در تماس باشید:



