

# JAL11 series High Frequency Online UPS

1/2/3kVA 1Phase:1Phase

## ◆ Application



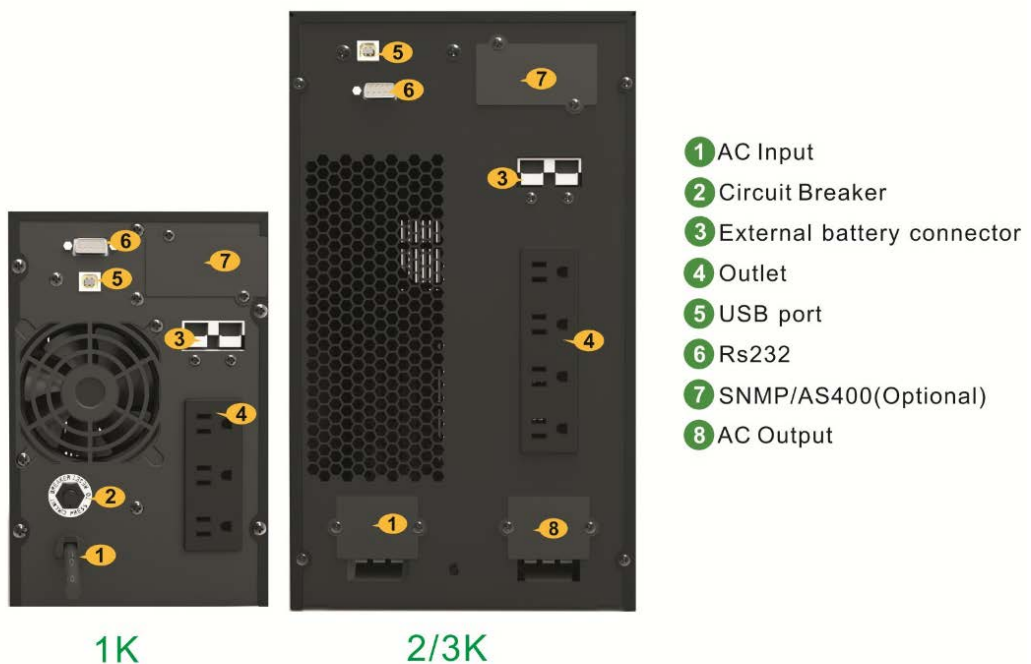
## ◆ Features

- True online double-conversion technology
- Wide input voltage range and stable power supply extends battery lifetime
- DSP technology
- Advanced PFC technology, input PF>99%
- Cold start
- Automatic battery charging on/off mode
- Lighting and surge protection
- LCD/LED display
- Smart RS232 port with monitoring software
- Smart slot for mission critical applications

PF0.9



## ◆ Real Panel



Model	JAL1101S	JAL1101L	JAL1102S	JAL1102L	JAL1103S	JAL1103L
Capacity	1kVA/900W		2kVA/1800W		3kVA/2700W	
Input						
Nominal Voltage	110/115/120VAC					
Voltage Range	65-144VAC					
Frequency	46~54Hz@50Hz ; 56~64Hz@60Hz					
Power factor	>0.99					
Output						
Nominal Voltage	110/115/120Vac±2%					
Frequency	50/60Hz±0.1Hz					
Crest Ratio	3:1					
Voltage Harmonic Distortion	<1.5% (Linear Load);<6% (non-linear load)					
Transfer time	Zero					
Waveform	Pure Sine Wave					
Efficiency						
Normal Mode(AC to AC)	89%					
Battery model	88%					
ECO Mode	94%					
Battery						
Type	Sealed lead acid maintenance free					
Voltage	24VDC		72VDC		72VDC	
Battery Number	12V 9AH*2pcs	External	12V 7AH*6pcs	External	12V 9AH*6pcs	External
Typical Recharge Time	6hours	/	8hours	/	10hours	/
Charge Current	1A	4A	1A	4A	1A	4A
Indicators						
LCD Panel	UPS status,Load level,Battery level,Input/Output Voltage					
LED Panel	LEDs indicating UPS status,Fault					
Alarm						
Battery Mode	Sounding every 4 seconds					
Low Battery	Sounding every second					
Overload	Sounding twice every second					
Fault	Continuously sounding					
Management						
Smart RS232	Support Window®2000/2003/XP/Vista/2008/7, Linux.Unix and Mac					
USB Port						
SNMP card(Optional)						
Environment						
Operation Temperature	0~40℃					
Relative Humidity	0~95% ( non-condensing)					
Audiable Noise	<55dB @ 1 meter					
Standard compliance	IEC 62040-1-1; IEC 62040-2 class C3; IEC 61000-4-2 level 4; IEC 61000-4-3 level 3; IEC 61000-4-4 level 4; IEC 61000-4-5 level 4; IEC 61000-2-2					
Physical						
Weight (KG)	11	5.5	24.5	10	26	11
Dimension (W*D*H) mm	145*220*350	145*220*350	190*450*330	190*450*330	190*450*330	190*450*330

\*All specifications are subject to change without prior notice