

# TX series

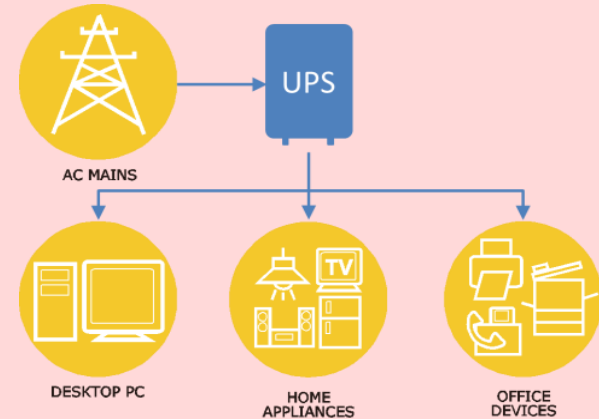


## KEY FEATURES

- True double-conversion design with high adaptability to harsh mains conditions
- DSP design enables precise and reliable control
- Output power factor 0.8 (up to 0.9 under 30°C)
- Wide AC input range (110-300V<sub>AC</sub>)
- Precise voltage regulation
- Supports AC generator
- Supports DC start-up and auto restart
- Intelligent communication slot enables remote monitoring



## TYPICAL APPLICATION



- sinewave output
- built-in batteries
- LCD display
- Up to 4.5 min backup time
- 90% Efficiency (Line Mode)

MODEL	JAGA 1K	JAGA 2K	JAGA 3K	
<b>CAPACITY</b>	1000VA/800W	2000VA/1600W	3000VA/2400W	
<b>INPUT</b>	Input Voltage Range	110~300V <sub>AC</sub>		
	Frequency Range	40-70Hz		
	Input Wiring	Single phase with ground		
	Current Distortion (THDi)	<10%		
<b>OUTPUT</b>	Output Power Factor	0.8		
	Nominal Output Voltage	200 <sup>1</sup> /208 <sup>2</sup> /220/230/240V <sub>AC</sub>		
	Voltage Regulation	± 2 %		
	Frequency Range ( Battery Mode )	50/60 ± 0.05 Hz		
	Current Crest Ratio	2.95:1		
	Voltage Distortion (THDv)	< 4% @ linear load, < 7% @ non-linear load		
	Output Waveform	Pure sine wave		
	Parallel Operation	N/A		
<b>EFFICIENCY</b>	Inverter Mode	>89%	>90%	
	Battery Mode	>83%	>83%	
	ECO Mode	N/A		
<b>BATTERY</b>	Battery Type	12V/45W		
	Number of Internal Battery	2	4	6
	Rated Battery Voltage	24V <sub>DC</sub>	48V <sub>DC</sub>	72V <sub>DC</sub>
	Backup Time (@ Full Load)	4.5 min	4.5 min	4.5 min
	Recharge Time (to 90%)	7 hours	7 hours	7 hours
	Charging Current (max)	1A	1A	1A
<b>TRANSFER TIME</b>	Battery Mode ↔ Inverter Mode	0ms		
	Inverter Mode ↔ Bypass Mode	4ms		
<b>DISPLAY</b>	LCD			
<b>AUDIBLE ALARM</b>	Yes			
<b>DIMENSION</b>	WxHxD	144 x 229 x 345 mm	190 x 328 x 393 mm	
<b>NET WEIGHT</b>		9.2 kg	17.2 kg	22.6 kg
<b>ENVIRONMENT</b>	Operating Temperature	0 ~ 40 °C		
	Noise Level	<45dB	<50dB	
<b>INTERFACE</b>	RS232	Yes		
	External Slot	Yes		
	Emergency Power Off	No		

Note:

1. 200V<sub>AC</sub> will be subject to 80% output derating
2. 208V<sub>AC</sub> will be subject to 80% output derating