JAVAC

JV Series

UPS 10-40kVA

- 3 level inverter and IGBT technology
- Multi-funtional touch screen
- Adjustable Input and Output Configuration
- AC/AC Efficiency up to 96%
- Output power factor 1.0
- High ambient temperature up to 50 °C
- Integrated with input,output,bypass, maintenance bypass and battery breaker


Finance


Telecommunication


Data Center


Government


Manufacturing


Healthcare


Transportation

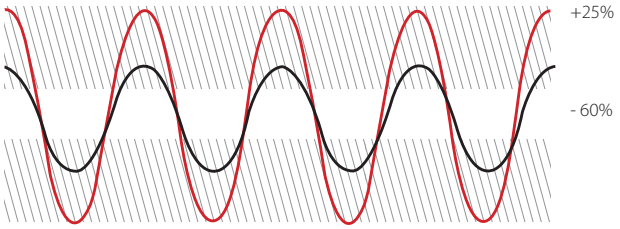

Buildings

Invest With Power

JV Series UPS

High Reliability

- Super wide input voltage range -60%~+25% for high grid adaptability and prolong battery service life.
- Dual DSP control for top performance and reliability.
- Inteligent fan speed control reduces the noise and prolongs fan service life.
- Anti-corrosion resistant coating in all PCB boards.
- Full protection with input,output,bypass, maintenance bypass and battery breaker.
- Generator compatible ensure the clean power for extend power outage.
- Local and remote EPO function for immediataly remove power from connected load in the event of emergency.
- Short circuit time settable 10-200ms which provide high protection for system.
- Bus synchronization control function provides reliable high power for the dual bus application.

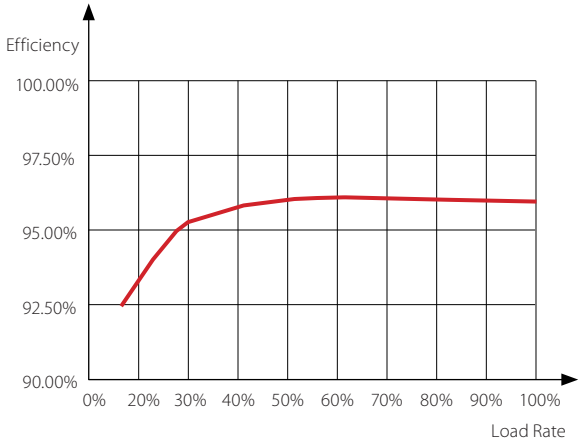


wide input voltage range


Automatic fans control

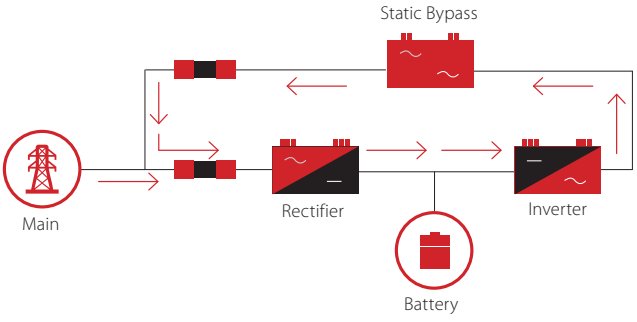
Green Power

- Output power factor 1.0, more powerful to connect more critical loads.
- AC/AC efficiency up to 96% and 25% load above 94% efficiency reduces heat dissipation and limits power consumption costs.
- ECO mode efficiency up to 99% will significant reduce the TCO.
- 3 level inverter and IGBT technology ensure input PF>0.99 and low THDi <3% for maximum upstream sources compatibility.
- Self-load test function, easy debugging and easy onsite test during commissioning, before it is connected the real load, without using costly temporary loads, cabling and breakers for energy saving.

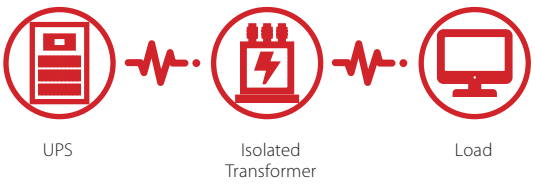


Galvanic isolation

- Isolation transformer can house inside the cabinet for full input or output isolation which suitable for medical and critical application.
- Isolation transformer temperature detection and alarm.
- Short circuit protection, restrain the high current puncture to UPS.
- No effects to the UPS output performance or reduced impact of the inverter power components whilst supplying specific loads.

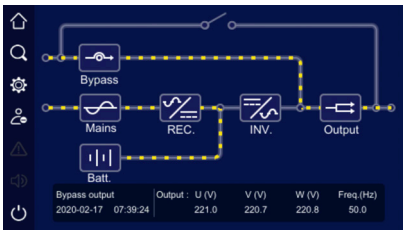


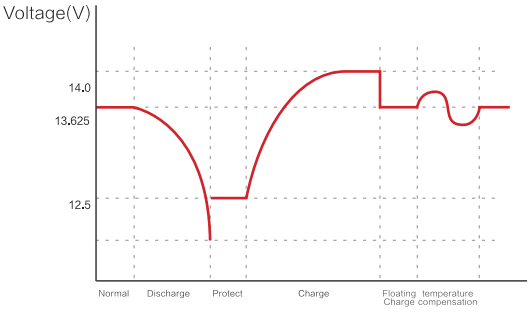
Self-load Test



Intelligent Management

- Multi-functional touch screen with LED Indicators, ensure comprehensive and visualized information display.
- User-friendly ON/OFF - Double physical button design to avoid false operation.
- Large data storage capacity,events logs 10000pcs.
- Inteligent battery management which include 3 stage battery charging mode,Battery static and battery test function which prolong battery service life.
- Key components pre-alarm function.
- Smart programmable dry contact communication.
- Dedusting function which save the service time and keep system performance.
- Easy onsite firmware update.

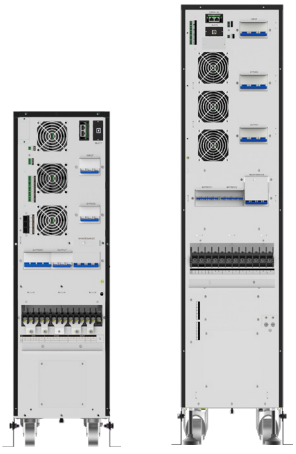




Intelligent battery management

Flexible Design

- Adjustable input and output phase 3:3/3:1/1:1 for 10-20KVA and 3:3/3:1 for 30-40KVA to meet multiple power distribution condition(need jumper connector).
- Integrated autonomy with compact footprint and external battery slot for extend power outage.
- Super wide DC voltage range and settable ±96~±240 for 10KVA, ±144 ~±240 for 20~40KVA.
- Multi-language of Chinese, English, Italian, Polish, Russian,Spanish,Korean.
- Frequency converter function(60Hz/50Hz or 50Hz /60Hz).
- Common battery bank in 2 units parallel system
- Easy onsite parallel slot modification up to 4 units
- Wheel design easy for movement and relocation.



More Options

- Parallel kit
- SNMP slot
- Dust filter kit
- Expanded dry contact kit
- Jumper connector for phase changing
- Intelligent Battery Monitoring System
- Protocol transfer kit for lithium battery
- LCD display
- Lithium battery
- Input/output isolation transformer
- Battery Charge Temperature Compensation

Parallel kit

SNMP Slot

Protocol transfer kit

JV Series UPS

10-40kVA

Technical Specification

Capacity		10KVA	15KVA	20KVA	30KVA	40KVA
Input						
Phase		3:3/3:1/1:1			3:3/3:1	
Voltage (Vac)		80-280(L-N)/138-485 (L-L)			138-485 (L-L)	
Frequency (Hz)		40-70				
Power Factor		≥0.99				
THDi at full Linear load		<3%				
Dual Main Input		Yes				
Output						
AC/AC Efficiency (Max.)		96%				
Power Factor		1.0				
Voltage (Vac)		220/230/240±1%(L-N) 380/400/415±1%(L-L)				
Frequency (Hz)		50/60±0.1 (battery mode)				
THDv		THD <1% (linear load),THD <3% (nonlinear load)				
Crest Factor		3:1				
Overload (3:3 Mode)		105% load long run, 110% load 60 mins, 130% load 10 mins, 155% load 1 min, above 155% load 200ms.				
Overload (3:1 or 1:1 Mode)		105% load long run, 110% load 60 mins, 130% load 10 mins, 155% load 1s, above 155% load 200ms.				
Cold Start		Yes				
Battery						
Battery Voltage (Vdc)		±96(±96 ~±240)	±192(±144 ~±240)*			
Internal Battery		16~40*9AH/12V	24~40*9AH/12V		48~80*9AH/12V	
Charging Current (A)		1-10 settable			1-20 settable	
Other						
Communication Interface		RS485+EPO+Dry contact(1 input,5 output)(RS232+dry contact, SNMP are optional in slot)				
Display		4.3 Inch Touch Screen+ LED+ Physical buttons				
Alarm		Low battery, abnormal AC input, UPS failure, etc.				
Protection		Low battery, overload, short-circuit and over temperature, etc.				
Noise (dB)		<55				
Working Temperature (°C)		-5~50*				
Relative Humidity		0 ~ 95%, no condensation				
Altitude(m)		2000, no derate				
Dimension (W×D×H)(mm)		250*755*880			300*785*1250	
Weight (kg)	with Battery	95(16×9AH)	133.5(32×9AH)	133.5(32*9AH)	222(64*9AH)	222(64*9AH)
	w/o Battery	50	50	50	88.5	88.5
	with TX	128	128	128	222	222

• Specification is subject to change without prior notice.
* Condition comply

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