



JV Series

UPS 40-10kVA

- » 3 level inverter and IGBT technology
- » Multi-functional 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

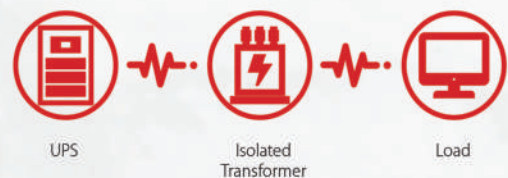
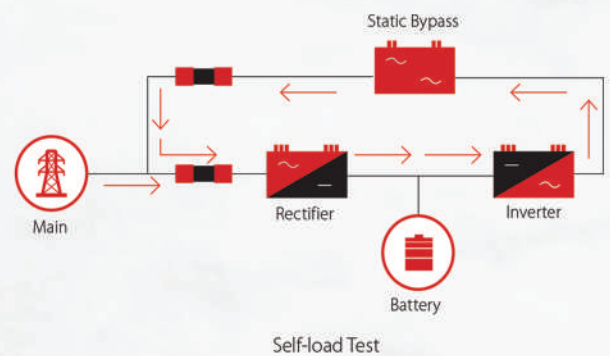
High Reliability

- Super wide input voltage range -60%~+25% for high grid adaptability and prolong battery service life.
- Dual DSP control for top performance and reliability.
- Intelligent 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 immediatly 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.



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.



Automatic fans control

Technical Specification

Capacity	10KVA	15KVA	20KVA	30KVA	40KVA
Input					
Phase	3/3/1/1:1			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				

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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 (WxDxH)(mm)	250*755*880			300*785*1250		
Weight (kg)	with Battery	95(16x9AH)	133.5(32x9AH)	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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