



High Frequency Online UPS

YAQ 3033 30kVA

3 in 3 out



Introduction:

YAQ 3033 30kVA adopts online double conversion technology, which can completely eliminate all kinds of grid problems and provide customers with stable and pure sinusoidal power supply protection. Innovative design makes these products have unparalleled reliability and high performance. The high input power factor and low input current harmonics ensure the UPS green and environmental protection, and high efficiency ensures the energy saving.

Scenarios:

Small and medium-sized data centers, IT machine rooms, financial institutions, traffic dispatch centers, security monitoring, etc.

Features:

1. Wide input voltage range
2. Online double conversion technology
3. DSP digital control technology
4. Output power factor 0.9
5. N+X redundancy

6.Communications: RS485/ SNMP option

Specification:

MODEL		YAQ 3033 30kVA
Capacity		30kVA
Input	Phase	3 Phase 4 Wires and Ground
	Rated Voltage	380/400/415Vac
	Operating voltage range	138~485Vac
	Operating frequency range	40Hz-70Hz
	Power factor	≥0.99
	Harmonic distortion (THDi)	≤3% (100% non-linear load)
	Bypass voltage range	Max.voltage: 220Vac +25%(optional +10%,+15%,+20%); 230Vac: +20%(optional +10%,+15%); 240Vac: +15%(optional +10%) Min. voltage:-45 %(optional -10%, -20%,-30%) Frequency protection range: ±10%
Output	Phase	3 Phase 4 Wires and Ground
	Output voltage	380/400/415Vac
	Power factor	0.9
	Voltage regulation	±1%
	Output frequency	Utility Mode: ±1%/±2%/±4%/±5%±10% optional; Battery Mode:(50/60±0.1%)Hz
	Crest factor	3:1
	THD	≤2% with linear load; ≤4% with non linear load
	Efficiency	95.5%
	Overload	Load≤110%, last 60min; ≤125%, last 10min; ≤150%, last 1min; >150% change to bypass
Battery	Voltage	64pcs 12V7AH
	Charge Current	10A Max.
Transfer Time		Utility to Battery : 0ms; Utility to bypass: 0ms
Environment	Operating temperature	0°C~40°C
	Storage temperature	-25°C~55°C(no battery)
	Humidity range	0~95% (non condensing)
	Altitude	< 1500m
	Noise level	<55dB
Protection	Alarm	overload, utility abnormal, UPS fault, battery low, etc
	Protection	short circuit, overload, over temperature, battery low, fan fault alarm
	Communication	RS485, FE, LBS, Parallel card, SNMP card(optional)
Physical	Dimensions D*W*H(mm)	720*250*1105
	Net weight (kg)	174
Standards		EN62040-1, EN62040-2