

Online Transformerless UPS

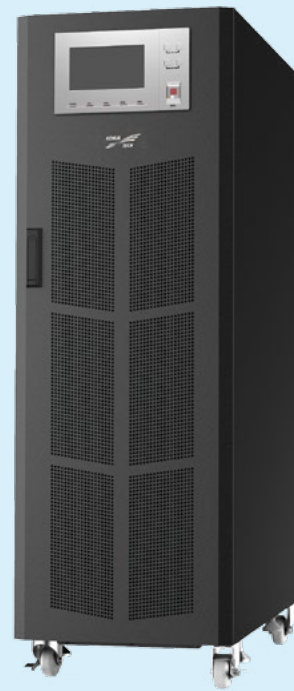
KR33A Series Online UPS (10-30kVA)

Main Features:

- Online double conversion
- DSP and full digital control
- No-master-slave N+1 parallel technology
- International IGBT power modules
- Internal maintenance bypass
- PCB boards feature with anti-corrosion paint coating
- Manual bypass maintenance design
- DC startup function
- Allow 100% three phase unbalance load
- EPO function
- Intelligent battery management
- Intelligent network supervising
- Intelligent fans control

Application:

- Computer room
- Data center
- Precision instrument
- Commercial facility
- Intelligent equipment



Specification:

MODEL	KR3310A/KR3310AS	KR3320A/KR3320AS	KR3330A/KR3330AS
INPUT			
Nominal voltage (Vac)	110/115/120 (L-N)		
Voltage range (Vac)	83~138V full load, 73~83V 75% load, 60~73V 50% load		
Rectifier frequency (Hz)	50/60 ± 5% (± 10% optional)		
Bypass voltage range (Vac)	110+15%(+20% optional)/-25%		
Power factor (PF)	>0.99		
THDI	<3%		
Phase	3 φ 4W+PE		
Battery	External/16pcs x 12AH 12V	External/32pcs x 12AH 12V	External/48pcs x 12AH 12V
Battery voltage (Vdc)	192		
Charging current (A)	6A		
OUTPUT			
Capacity (kVA)	10	20	30
Power factor (PF)	0.9		
Phase	3 φ 4W		
Waveform	Pure sine wave		
Voltage(Vac)	110/115/120 (L-N)		
Frequency(Hz)	50/60 ± 0.2% (battery mode)		
Waveform distortion	THD ≤ 3%		
Static bypass transfer time(ms)	0		
System efficiency	≥ 93%		
Parallel mode	Advanced no-master-slave parallel technology, N+1 redundancy		
Overload capacity	106~130% load for 1min ; 150% load for 10s (to bypass)		
OTHERS			
Maintenance bypass	Yes		
DC cold start function	Yes		
Display	Touch screen+LED		
Communication function	RS232/RS485 , dry contact,SNMP (optional)		
Approvals	Meet standard EN 62040-2: 2006		
Noise(dB)	< 65		
Dimension (WxDxH) (mm)	500 × 800 × 1500		