



## KR33BM Series

UPS 300~800 kVA

- » Efficiency up to 97%
- » Three level technology
- » Support 8 units in parallel, single /parallel system compatible



Computer Room



Data Center



Precision  
Instrument



Intelligent  
Device



Auto  
Manufacturing



Glass & Metallurgy  
Industry



PLC System



Petrochemical  
Industry



Automation  
Equipment



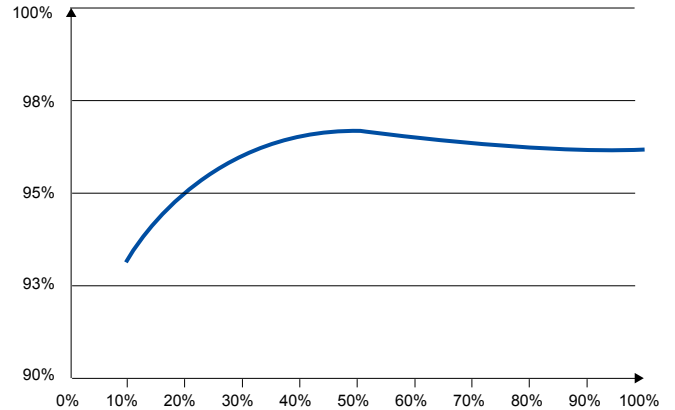
Power Plant

# KR33BM Series UPS



## Green power

- High efficiency in online mode (>97%) reduces heat dissipation and limits power consumption costs
- Efficiency>99% in ECO mode gives significant cost reduction
- THDi ≤3%
- Self-aging function, easy debugging and test on site, reduce power loss.

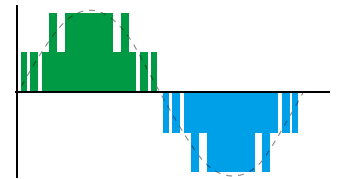


## Advanced technology

- Three level technology, Low harmonic, high efficiency, effectively energy-saving.
- DSP digital control technology, higher data processing accuracy & speed.
- Optimized circuit with highly integrated design to make the performance more stable.
- Support external output transformer connection
- Advanced parallel expansion technology, support 8 units in parallel, single /parallel system compatible.



Two level output voltage waveform

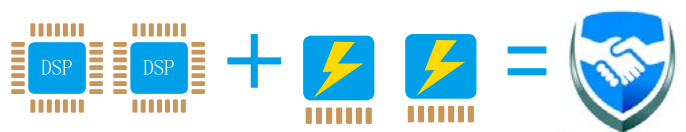


Three level output voltage waveform



## High Reliability

- International top-class brands of major components redundant design for critical circuits
- Dual system control card and dual bypass unit power prevent single failure point
- Large allowance for power module, strong protection for overload and short circuit.
- Strengthen PCBs coating: Anti-salt spray, anti-corrosion, anti- moisture, anti-dust, etc.



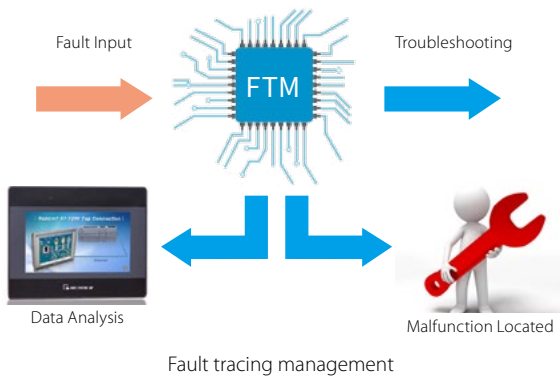
## User-friendly Interface

- User-friendly operation design to avoid false operation
- Large-size touch screen with LED Indicators, comprehensive and visualized information display
- Large data storage capacity, 10000pcs events logs
- Friendly human-machine interface with data and graphical forms



## Intelligent Management

- Multiple communication interface supports UPS and load intelligent monitoring
- Intelligent SNMP achieves local monitoring and remote monitoring
- Battery temperature compensation function improve the battery performance and extend battery use life
- Intelligent fan control according the load capacity reduces the noise and prolongs fan service life
- Fault trace management for convenient failure analysis (100ms waveform record before & after of the fault point)



Automatic fans control

# KR33BM Series UPS

## Technical Specifications

Model	KR33300BM	KR33400BM	KR33500BM	KR33600BM	KR33800BM
<b>Input</b>					
Voltage (Vac)	380/400/415				
Voltage Range	-40%~+25%				
Phase	3Ph+N+PE				
Rated Frequency (Hz)	50/60				
Frequency Range	±5% / ±10%				
PF	0.99				
THDi	≤3%				
<b>Bypass</b>					
Input Voltage (Vac)	380/400/415				
Voltage Range	-25%~+20%				
Frequency Range	±5% / ±10%				
<b>Output</b>					
Output Voltage (Vac)	380/400/415±1%				
Frequency (Hz)	50/60±0.1				
Output PF	0.9/1.0 (optional)				
THDv	<0.5% (linear load), ≤5% (nonlinear load)				
Efficiency	Up to 97%				
Phase	3Ph+N+PE				
Overload	100%~125% load for 10min, 126%~150% load for 1min				100%~110% load for 60min 111%~125% load for 10min 126%~150% load for 1min
Dynamic Response Time (ms)	20				
Dynamic Response Range	≤5%				
<b>Battery</b>					
Voltage (Vdc)	480 (12V battery from 32 to 44 cells settable)				
Charging Current (A)	20-100				
<b>Other</b>					
Operating Temperature (°C)	-5~40				
Storage Temperature (°C)	-25~55				
Noise (dB)	<75dB				
Communication	Dry contact, MODBUS, SNMP (optional)				
Dimension (WxDxH)(mm)	1400x900x1800		1600x1000x1800		1900x1000x1800
Weight (kg)	850	1000	1300	1400	1800

• Specification is subject to change without prior notice.

### Xiamen Kehua Hengsheng Co., Ltd.

Add: No. 457, Malong Road, Torch High-Tech Industrial Zone, Xiamen Fujian China

Tel: +86-592-5160516 Fax: +86-592-5162166 www.kehua.com