

KR33 Series

300-1200kVA



Product Features

Advanced Technology:

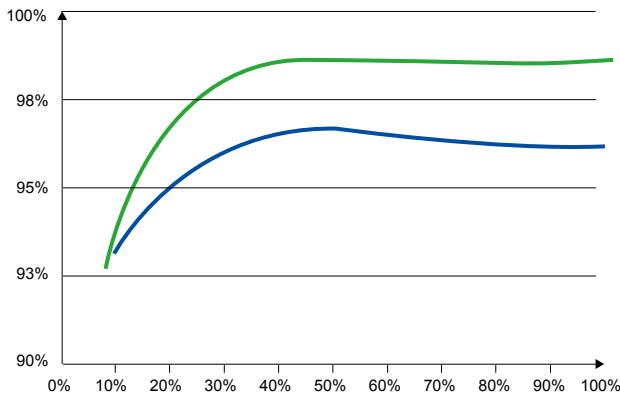
- Three level inverter technology
- Support parallel mode up to 9.6MVA
- External input/output transformer connection
- Auxiliary power supply redundancy design

Green Power:

- High AC/AC efficiency up to 97%
- ECO mode efficiency up to 99%
- High power factor up to 1
- Low THDi <3%

Flexible Design:

- Common battery bank sharing in parallel system
- Multiple communication interface
- 3-stage battery charging mode
- Self-load test function without load enables onsite commission
- Common bypass cabinet
- External input and output isolation transformer



ECO Efficiency —
AC/AC Efficiency —

Applications



Industry



Computer room



Data center



Intelligent equipment



Telecom system



Commercial facility



Precision instrument

Intelligent Power Management Expert

Technical Specification

MODEL	KR33300	KR33400	KR33500	KR33600	KR33800	KR331000	KR331200
INPUT							
Rate Voltage (Vac)	380/400/415						
Voltage Range (Vac)	228-477 (-40%~+25%)						
Phase	3Ph+N+PE						
Frequency Range (Hz)	50/60±10% (±5% settable)						
Power Factor	≥ 0.99						
THDi	<3% (linear load)						
OUTPUT							
Output Voltage (Vac)	380/400/415±1%						
Frequency (Hz)	50/60±0.5%						
THDv	<1% (linear load), <3% (non-linear load)						
PF	0.9 (1.0 optional)						
Max. Efficiency	97%						
Phase	3Ph+N+PE						
Overload	110% load for 60 min, 125% load for 10 min, 150% load for 1 min, above 150% will transfer to bypass after 1s						
BATTERY							
Voltage (Vdc)*	480 (12V battery from 32 to 44 cells settable)				528 (12V battery from 32 to 48 cells settable)		
Charging Current (A)	25-100				25-200		
Common Battery	Yes						
GENERAL							
Communication Interface	RS232, RS485, Dry contact, MODBUS, SNMP (optional)						
Display	7-inch touch screen+LED						
Working Temperature (°C)	-5~40						
Alarm	Input abnormal, battery low-voltage, output overload, UPS failure						
Protection	Short-circuit, overload, over-temperature, battery under voltage, input under voltage						
IP	IP20						
Noise (dB)	<75						
Altitude (m)	1500						
Dimension (W×D×H) (mm)	1000×900×1950	1400×900×1950		1900×900×1950	3000×900×1950		
Weight (kg)	750	1100		1450	2400		

- Specification is subject to change without prior notice.

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