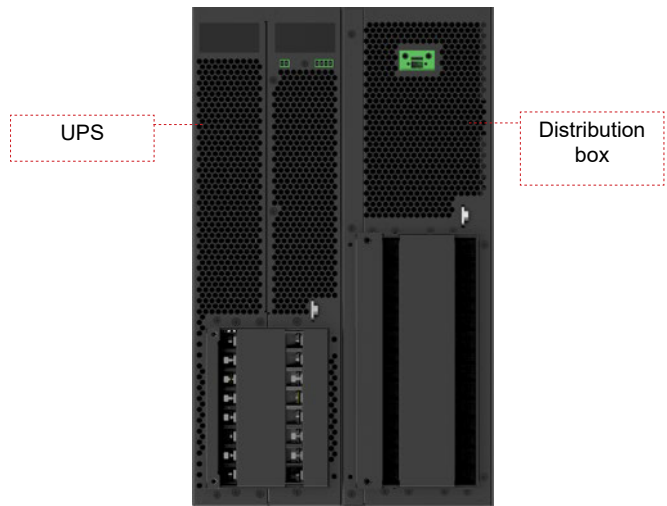


True on-line double conversion design

KR-RM Series

(10-40kVA)



Model: KR-RM 30-40kVA



Green Power

- Low THDi: 3% at linear load
- High AC/AC efficiency up to 96%



Excellent Flexibility

- 3U height tower and rack compatible design
- Adjustable input and output to 33\31\11
- Common battery
- LCD rotate setting by (10-20kVA), gravity auto-rotate by (30-40kVA)
- Adjustable battery pcs and charging current



Advanced Technology

- Super wide input voltage range -60%~+25% for high grid adaptability
- Dual DSP control technology for top performance
- Anti-corrosion resistant coating for all PCB boards
- Intelligent fan speed control reduces the noise and prolongs fan service life
- Anti-corrosion resistant coating in all PCB boards
- ECO and EPO



More Options

- External UPS input and output distribution box
- Dry contact kits and SNMP
- Input and output isolation transformer
- 19 inch rail kits



ISO 9001
ISO 14001
ISO 45001
Factory Certificate



TIS. 1291 Part 1-2553
TIS. 1291 Part 2-2553
TIS. 1291 Part 3-2553

Technical Specification

MODEL	KR10KVA-RM	KR15KVA-RM	KR20KVA-RM	KR30KVA-RM	KR40KVA-RM
INPUT	3 Phase 4 Wire (L1,2,3+N+G) (can be set as 1 Phase 3 Wire (L+ N+G))			3 Phase 4 Wire (L1,2,3+N+G)	
Voltage (Vac)¹	138-485 (L-L), 80 - 280 (L-N)				
Frequency (Hz)	40-70				
Power Factor	≥0.99				
THDi	<3% (linear load)				
Phase (Input : Output)	1:1 / 3:1 / 3:3			3:1 / 3:3	
OUTPUT	3 Phase 4 Wire (L1,2,3+N+G) (can be set as 1 Phase 3 Wire (L+ N+G))				
Capacity (kVA/kW)	10/10	15/15	20/20	30/30	40/40
AC/AC Efficiency (Max.)	96%				
Power Factor	1.0				
Voltage (Vac)²	380/400/415±1% (L-L), , 220/230/240 (L-N) ±1%				
Frequency (Hz)	50/60±0.1 (battery mode)				
THDv	THD <2% (linear load), THD < 4% (nonlinear load)			THD <1% (linear load), THD <3% (nonlinear load)	
Transfer Time (ms)	0				
Overload	115%~130% load: 15 min, 130%~150% load: 1 min, >150% load: 200ms				
ECO Mode	Yes				
Battery	Sealed, Maintenance-free lead acid batteries				
Voltage (Vdc)	±192 (±144~±240 adjustable)/32 pcs default (28-40 pcs adjustable)				
Charging Current (A)	4 (1-10 settable)			15 (1-20 settable)	
GENERAL					
Communication Interface	RS485+EPO (RS232+Dry contact, SNMP are optional in slot)				
Display	LCD				
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)	-5~40			-5~50	
Relative Humidity	0 ~ 95%, no condensation				
Dimension (W×D×H)(mm)	UPS	438×500×130(3U)		438×680×130 (3U)	
	Distribution Box	438×500×130(3U)		438×680×130 (3U)	
	Batt. Pack	438×500×130(3U)		438×680×130 (3U)	
Weight (kg)	UPS	20		34	
	Distribution Box	8		14	

- Specification is subject to change without prior notice.
- 80-280 (L-N) for single phase input;
- 220/230/240 (L-N) for single phase output.