

# KR-RM Series Online UPS

10-40kVA



## Product Features

### 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

### Green Power:

- Low THDi: <5%
- 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 bank
- LCD Rotate setting by (10-20kVA), gravity auto-rotate by (30-40kVA)
- Adjustable battery numbers and charge current (optional)

### More Options:

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

## Applications



19" rack device



Computer room



Data center



Router



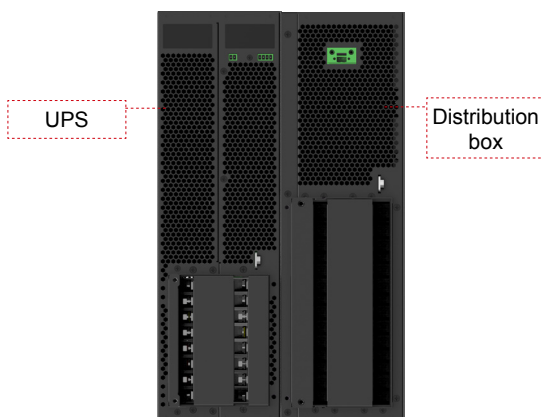
Hub and network device



Commercial facility



Precision instrument



Model: KR-RM 30-40kVA

# Technical Specification

MODEL	KR10KVA-RM	KR15KVA-RM	KR20KVA-RM	KR30KVA-RM	KR40KVA-RM
<b>INPUT</b>					
Voltage (Vac) <sup>1</sup>	138-485 (L-L)				
Frequency (Hz)	40-70				
Power Factor	≥0.99				
THDi	<3% (linear load)				
Phase	1:1/3:1/3:3			3:1/3:3	
<b>OUTPUT</b>					
Capacity (kVA)	10	15	20	30	40
AC/AC Efficiency (Max.)	96%				
Power Factor	0.9 (1.0 at 40°C)				
Voltage (Vac) <sup>2</sup>	380/400/415±1% (L-L)				
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				
<b>BATTERY</b>					
Voltage (Vdc)	±192 (±144~±240 adjustable)/32 pcs default (28-40 pcs adjustable)				
Charging Current (A)	4 (1-10 settable)			15 (1-20 settable)	
<b>GENERAL</b>					
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.

1. 80-280 (L-N) for single phase input;
2. 220/230/240 (L-N) for single phase output;

## Kehua Tech

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