

# VR-RM Series

## Online UPS 10~20kVA



- » Adjustable Input and Output Configuration
- » High AC/AC Efficiency up to 96%
- » High Output Power Factor up to 1.0
- » Tower and Rack Compatible Design
- » Supportable 4 Units Parallel
- » Galvanic Isolation with Transformer (option)

### Green Power

- AC/AC efficiency up to 96%, less operation cost and more energy saving
- Output power factor up to 1.0, more powerful to connect more critical loads
- Input PF>0.996 and THDi<5%, less power pollution and lower TCO

### Flexible Configuration

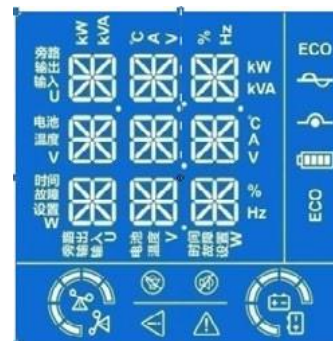
- Dry contact kits and SNMP are optional
- External battery pack port is available
- Adjustable input and output to 33/31 configuration
- External UPS input and output distribution box is available

### Intelligentize LCD Display

- The digital display can be easily shifted through LCD setting to suit for vertical/horizontal installation
- Alarming information display, battery rest time monitor, operation modes setting

### Ecological Power Network

### Typical Applications:



### User-friendly and Easy-shift

- Tower and rack compatible design
- Adjustable battery numbers and charge current

## Technical Specification

MODEL	VR10KVA-RM	VR15KVA-RM	VR20KVA-RM
<b>Input</b>			
Voltage (Vac)	80-280(L-N) or 138-485(L-L)		
Frequency (Hz)	40-70		
Power Factor	≥0.99		
THDi	<5%		
<b>Output</b>			
Capacity (kVA)	10	15	20
AC/AC Efficiency (Max.)	96%		
Power Factor	0.9 (1.0 optional)		
Voltage (Vac)	220/230/240±1%(L-N) or 380/400/415±1%(L-L) (settable)		
Frequency (Hz)	50/60±0.1 (battery mode)		
THDv	THD <2% (linear load), THD <4% (nonlinear load)		
Transfer Time	0		
Overload	115%~130% for 10 min, 130%~150% for 1 min, >150% for 20 ms		
ECO Mode	Yes		
<b>Battery</b>			
Voltage (Vdc)	±192 (±144~±240 adjustable)		
Charging Current (A)	4 (1-10 settable)		
<b>Other</b>			
Communication Interface	RS485+EPO (DB9 dry contact and SNMP adapter are optional in slot)		
Display	Blue screen 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		
Relative Humidity	0 ~ 95%, No condensation		
Dimension (WxDxH)(mm)	438x550x130 (3U)		
Weight (kg)	20		

\* Specification is subject to change without prior notice

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Version No.: 20180101



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