



VR11-R Series

Online UPS 1~10kVA

- » High AC/AC Efficiency up to 95.5%
- » High Output Power Factor up to 1.0
- » Rack and Tower Design

Green Power

- AC/AC efficiency up to 95.5%, less operation cost and more energy saving
- Output power factor up to 0.9, more powerful to connect more critical loads
- Input PF > 0.996 and THDi < 5%, less power pollution and lower TCO

Flexible Rear Panel Configuration

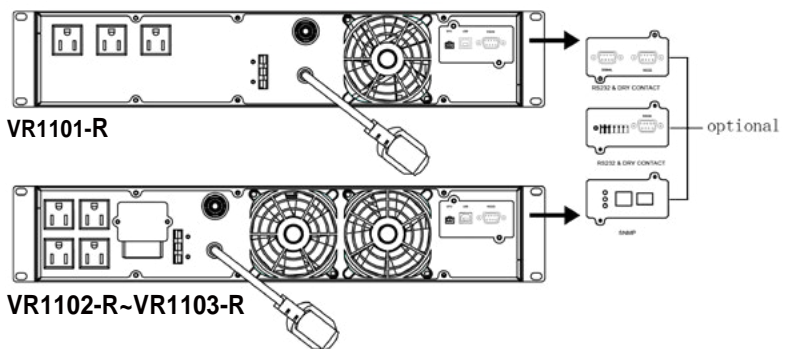
- Dry contact kits and SNMP are optional
- Selectable output sockets
- External battery pack port available

User-friendly and Easy-shift LCD Display

- The digital display can be easily shifted through LCD setting to suit for vertical/horizontal installation.
- Output voltage 208/220/230/240Vac, 50/60Hz, ECO mode all can be settable on site
- Alarm information and operation process can be checked on the LCD

Ecological Power Network

Typical Applications:



Available Socket:



Technical Specification

MODEL	VR1101i-R/ VR1101-R	VR1102i-R/ VR1102-R	VR1103i-R/ VR1103-R	VR1106i-R/ VR1106-R	VR1110i-R/ VR1110-R
Input					
Voltage (Vac)	120-295			80-275	
Frequency (Hz)	50/60± 10% (50/60Hz auto-sensing)				
Power Factor	≥0.99				
THDi	<5%				
Output					
Capacity (VA)	1000	2000	3000	6000	10000
AC/AC Efficiency Max.	92%	92.5%	93.3%	95.5%	95.5%
Power Factor	0.9 (1.0 optional)				
Voltage (Vac)	208/220/230/240±1% (settable on display panel)				
Frequency (Hz)	50/60±0.2% (battery mode)				
THDv	THD <2% (linear load), THD <5% (nonlinear load)			THD <1% (linear load), THD <4% (nonlinear load)	
Transfer Time (ms)	0				
Battery					
Voltage (Vdc)	24/36	48/72	72/96	192~240	192~240
BATT Type	2x 9AH 12V/External	4x 9AH 12V/External	6x 9AH 12V/External	16x 9AH 12V/External (16~20 units settable)	
Charger Current (A) Max.	1/4	1/4	1/4	1/1~8 (adjustable)	1/1~8 (adjustable)
Other					
Communication Interface	RS232+EPO+USB (SNMP, RS485, Dry contact are optional in slot)			RS485+EPO (USB, SNMP, RS232, Dry contact are optional in slot)	
LCD Display	AC input & output voltage, Frequency, Load level, Battery level, Temperature; AC mode, Battery mode, Bypass mode, and Fault				
Alarm	Low battery, Abnormal AC input, UPS failure, etc.				
Protection	Low battery, overload, short-circuit and over temperature, etc.				
Noise (dB)	< 50	< 55			< 53
Working Temperature (°C)	-5~ 40				
Relative Humidity	0 ~ 95%, No condensation				
Dimension (WxDxH)(mm Standard/ Long Backup	438x420x2U	438x420x2U (UPS)+ 438x420x2U (Batt. pack) /438x420x2U		438x500x2U (UPS)+ 438x500x2U (Batt. pack) /438x420x2U	
Weight (kg)	11.5/7	8+14/9.9	8.5+20/10	11+44.5/11	12.5+43.7/12.5

- Specification is subject to change without prior notice
- Information is provided for reference purpose only and constitutes neither an offer or an acceptance.

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