



VR11 Series

Online UPS 1~10kVA

- »Low THDi: <5%
- »Output PF up to 1.0
- »AC/AC efficiency up to 95%
- »High power density design

Green Power:

- Input power factor up to 0.996, Low THDi (<5%), decrease the pollution to city power
- AC/AC efficiency up to 95%, energy saving and low carbon emission
- Compliance with RoHS standard, innocuous and environmental friendly
- Design in accordance to International EMC and Safety standard

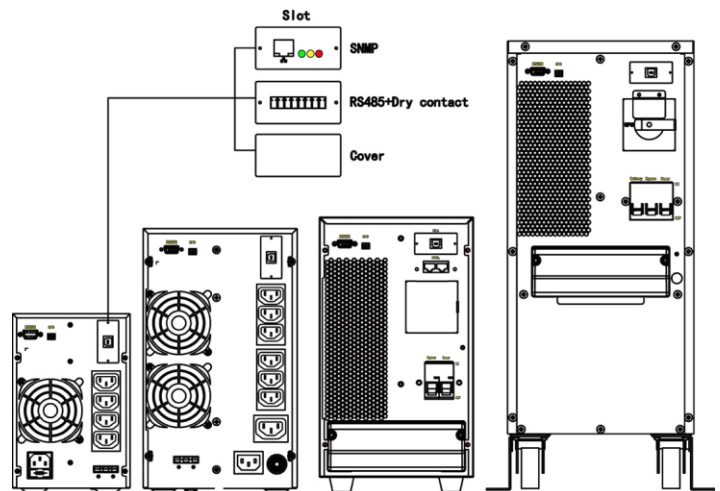
Outstanding Profitability:

- Minimum 0.05m² footprint, more units for your container delivery and installation
- Get at least 10% more output power for your loads
- Up to 95% efficiency

Excellent Flexibility:

- Output voltage and ECO mode are selectable via LCD
- 1~8A charging current settable via software
- Batteries total quantity settable (16/17/18/19/20 for 6-10kVA)
- Maintenance bypass for 6-10KVA (option)
- Battery disconnection alarm (option)
- SNMP or RS485+dry contact (option)
- Charging voltage temperature compensation (option)

Typical Applications:



Available Socket:



Ecological Power Network

Technical Specification:

MODEL	VR1101i/ VR1101	VR1102i/ VR1102	VR1103i/ VR1103	VR1106i/ VR1106	VR1110i/ VR1110
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.)	94.2%	94.6%	94.2%	95%	95%
Power Factor	0.9 (1.0 optional)				
Voltage (Vac)	208/220/230/240±1% (selectable 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	0				
Battery					
Voltage (Vdc)	24/36	48/72	72/96	192/192~240	192/192~240
BATT Type	2x9Ah/12V/ External	4x9Ah/12V/ External	6x9Ah/12V/ External	16x7Ah/12V/ External 16~20 units settable	16x9Ah/12V/ External 16~20 units settable
Charger Current (A) Max.	1/4	1/4	1/4	1~8 (adjustable)	1~8 (adjustable)
Other					
Communication Interface	RS232, EPO, USB (slot) (SNMP, RS485+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			
Working Temperature (°C)	-5 ~ 40				
Relative Humidity	0 ~ 95%, No condensation				
Dimension (WxDxH) mm	145x360x225	190x400x330		230x502x553/190x422x337	
Weight (kg)	9.2/4.5	17.7/8.5	22.9/9.2	54.5/10.9	56.2/12.5

- 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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