



SAMLEX POWER PRODUCTS

VR Series Inverters

FEATURES

- Light weight and slim.*
- Optimized for business or picnic.*
- Universal outlet for different AC plugs.*
- High surge power for power tools.*
- Protections: Battery voltage, Thermal, Overload, Short Circuit, Ground fault leakage.*

APPLICATIONS

- Service vehicles*
- Mobile Offices*
- Boats*
- Recreation Vehicles, Camping*
- Telecommunication*
- Field work / Construction sites*
- Solar power systems*
- Emergency backup power*
- Home electronics: TV, VCR, video games*
- Computers, printers, monitors, fax machines*
- Tools and appliances*



800 / 1000 / 1500 Watts

TECHNICAL SPECIFICATIONS

Model	SI-A1-VR800	SI-A2-VR800	SI-A1-VR1000	SI-A2-VR1000	SI-A1-VR1500	SI-A2-VR1500
Input						
DC Input Voltage Range	10 - 15 V DC					
Output						
Output Voltage	110 V RMS	220 V RMS	110 V RMS	220 V RMS	110 V RMS	220 V RMS
Output Power	800 Watts		1000 Watts		1500 Watts	
Surge Power	1600 Watts		2200 Watts		3000 Watts	
Frequency	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz
Output Waveform	Modified Sine Wave					
Efficiency	~ 90%					
Protections						
Thermal Protection	Unit shuts down when it overheats					
Ground Fault Protection	Unit shuts down when the load has electric leakage					
Battery (Input Voltage) Alarm	Alarm activated when battery discharges to 10.6 V					
Battery (Input Voltage) Protection	Unit shuts down with autoreset when battery discharges to 10 V (prevent damage to battery)					
Overload Protection	Unit shuts down when the loading power exceeds the rating power					
Short Circuit Protection	Unit shuts down when output is short circuit					
General						
Dimensions (L x W x H)	195 x 155 x 55 mm		205 x 155 x 55 mm		225 x 205 x 80 mm	

Technical Specifications subject to change without notification.