

# PURE SINE WAVE INVERTERS

## SPECIFICATIONS

	SSV 600-12	SSV600-24	SSV 1000-12	SSV 1000-24	SSV 1500-12	SSV 1500-24
<b>Input Voltage</b>	10 to 15 VDC	20 to 30 VDC	10 to 15 VDC	20 to 30 VDC	10 to 15 VDC	20 to 30 VDC
Input Current at No Load (no load power saving mode)	850 mA	450 mA	1800 mA	1000 mA	1200 mA	800 mA
					< 100 ma	< 100 ma
<b>Output Voltage</b>	115 VAC +/- 3%	115 VAC +/- 3%	115 VAC +/- 3%	115 VAC +/- 3%	below	below
switch selectable	---	---	---	---	100/110/120 VAC	100/110/120 VAC
<b>Output Frequency</b>	60 Hz	60 Hz	60 Hz	60 Hz	50/60 Hz selectable	50/60 Hz selectable
Output Waveform	Pure Sine	Pure Sine	Pure Sine	Pure Sine	Pure Sine	Pure Sine
Total Output Harmonic Distortion	<3%	<3%	<3%	<3%	<3%	<3%
<b>Output Power</b>						
Continuous	600	600	1000	1000	1500	1500
Surge	1000	1000	2000	2000	2000	2000
<b>Low Battery Alarm</b>	10.7 VDC	21 VDC	10.7 VDC	21 VDC	10.7 VDC	21 VDC
Low Battery Shutdown	10 VDC	20 VDC	10 VDC	20 VDC	10 VDC	20 VDC
Operating Ambient Temperature	0 to 40C +/- 5C	0 to 40C +/- 5C	0 to 40C +/- 5C	0 to 40C +/- 5C	0 to 40C +/- 5C	0 to 40C +/- 5C
Efficiency	85%	87%	85%	87%	85%	87%
RS-232 interface	NO	NO	NO	NO	YES	YES
Remote ON/OFF to Negative Terminal	NO	YES	NO	YES	NO	NO
<b>Cooling</b>	← Termostatically Controlled Fan →					
<b>Protections</b>	← Overload, Short Circuit, Reverse Polarity, Over/Under Input Voltage, Over Temperature →					
<b>Connections</b>						
Input	← Screw Down Terminals →					
Output	← Standard North American →					
<b>GFCI on Output</b>	NO	NO	YES	YES	NO	NO
Internal Fusing	YES	YES	YES	YES	YES	YES
<b>Dimensions (inches)</b>	13.25 x 9.5 x 3.5	13.25 x 9.5 x 3.5	15.5 x 9.5 x 3.5	15.5 x 9.5 x 3.5	15.5 x 11 x 4.25	15.5 x 11 x 4.25
<b>L x W x H</b>						
<b>Weight (lbs.)</b>	6.6	6.6	8.8	8.8	15.4	15.4

### APPLICATIONS:

- Solar Power Systems
  - Mobile Offices (TV & Radio Vans)
  - Industrial Controls (OEM)
  - Electric Utilities and Substations
- Medical Devices
  - Emergency Backup Power
  - Security Systems
  - Computers, Printers, Monitors, Fax Machines

Manufactured in the USA by:



P.O. Box 2266, 81 Ethan Allen Drive, S. Burlington, VT 05407  
 Tel: 802-865-8388 • Fax: 802-865-8389  
 email: secamerica@verizon.net • Internet: www.secamerica.com

Authorized Distributor