

SSI Series Owner's Manual

2-2 Specifications

Specifications	Inverter Model			
	SSI-12HF3.5N	SSI-12HF7N	SSI-12HF10N	SSI-12HF15N
Continuous Output Power	350 Watts	700 Watts	1000 Watts	1500 Watts
Maximum Output Power	385 Watts	770 Watts	1100 Watts	1650 Watts
Surge Rating (Max.)	700 Watts	1400 Watts	2000 Watts	3000 Watts
Input voltage	12VDC			
Input current	35A DC	70A DC	100A DC	150A DC
Output Voltage	120VAC +/- 5%			
Frequency (Switch Selectable)	50 / 60Hz +/- 0.05%			
Output Waveform	Pure Sine Wave (THD < 3%)			
Efficiency (full load) Max*.	84%	89%	89%	88%
No-Load Current Draw (Max.)	N/A	1.25A	1.43A	1.45A
Stand-By Current Draw (Max.)	N/A	0.25A	0.25A	0.28A /
Input Voltage Regulation (VDC)	10.5 to 15			
Input Level Indicator	Red / Orange / Green LED			
Load Level Indicator				
Failure Indicator	Red LED			
Protection	Overload, Short Circuit, Reverse Polarity (Fuse), Over / Under Input Voltage, Over Temperature.			
Remote Control	(ON / OFF mode controlled by hard wire)	SSI-R8 Panel (Optional)		
EMC	FCC Class A			
Operating Temperature Range	0° to 40° C (32° to 104° F)			
Storage Temperature Range	-30° to 70° C (-22° to 158° F)			
Cooling	Loading controlled cooling fan			
Dimensions (L x W x H)	196.8 x 152.4 x 71 mm 7.7 x 6 x 2.8 Inch	311 x 185.4 x 78.7 mm 12.25 x 7.3 x 3.1 Inch	387.5 x 198 x 94 mm 15.25 x 7.8 x 3.7 Inch	419 x 198 x 94 mm 16.4 x 7.8 x 3.7 Inch
Weight	1.6 kg / 3.5 Lbs.	2.7 kg / 6 Lbs.	4.5 kg / 10 Lbs.	5.4 kg / 11.8 Lbs.
Warranty	2 Years			

**Note: The specifications are subject to change without notice.*