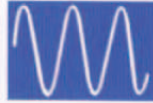


# Pure Sine Wave Inverter S Series

## Model : S300-XXX



### Features and Specifications

- Pure sine wave output (THD 6% Typical) .
- Input & output fully isolation design
- **Capable of driving highly reactive & capacitive loads at start moment.**
- Tri-Color indicators display input voltage, output load level and failure status.
- Loading controlled cooling fan
- Advanced microprocessor
- SC / OV / UV / OT / OL protections.



Specification	Model No .			
Item	S300-112	S300-124	S300-212	S300-224
Continuous Output Power	300W			
Surge Rating	400W			
Input voltage	12V	24V	12V	24V
Input voltage Range	10.5-15.0	21.0-30.0	10.5-15.0	21.0-30.0
Output Voltage	110VAC $\pm 5\%$		230VAC $\pm 5\%$	
Frequency	50 / 60Hz $\pm 0.3\%$			
Max. Efficiency	89%	89%	89%	89%
No Load Current Draw	<0.35A			
Output Waveform	Pure Sine Wave ( THD 6% Typical )			
Power Factor Allowed	$\text{COS } \theta -90^{\circ} \sim \text{COS } \theta +90^{\circ}$			
Protection	Overload, Short Circuit, Reverse Polarity (Fuse), Over / Under Input Voltage, Over Temperature.			
Remote Control	Yes, On/Off controlled by external switch			
Safety Certification	UL458		EN60950-1	
EMC	FCC Class B		EN55022:1997 EN61000-3-2:1998 EN61000-3-3:1995 EN55024:2001	e-mark e13-022078
Operating Temperature	0-40 °C			
Storage Temperature	-30°C to 70°C			
Fan Cooling	Thermostatically controlled			
Dimensions	237(L) x 155(w) x 72(H) mm / 9.33(L) x 6.10(W) x 2.83(H) Inch			
Weight	3.5 kgs. / 7.7 Lbs.			

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