

Model : S300-XXX



Features and Specifications

- ▣ Pure sine wave output (THD 5% 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.			
	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	110 VAC ±5%		230 VAC ±5%	
Frequency	50 / 60Hz ±0.3%			
Efficiency (Peak Load)	92%	93%	91%	94%
Efficiency (Max. / Average.)	87%	88%	86%	89%
Efficiency (Full Load)	72%	78%	72%	80%
No Load Current Draw	0.26A	0.23A	0.23A	0.15A
Output Waveform	Pure Sine Wave(THD 5% Typical).			
Power Factor Allowed	$\cos \theta -90^\circ \sim \cos \theta +90^\circ$			
Protection	Overload, Short Circuit, Reverse Polarity (Fuse), Over / Under Input Voltage, Over Temperature.			
Remote Control	Yes, On/Off controlled by external switch			
Safety*	UL458		EN60950	
EMC**	FCC Class B		EN50081-1:1992 EN50082-1:1992 EN55022B:1994 EN550204:1995 EN61000-4-2:1995 EN61000-4-3:1996	e-Mark e13-022025
Operating Temperature	0–40 °C			
Storage Temperature	-30°C to 70°C			
Fan Cooling	Thermostatically controlled			
Dimensions (L x W x H)	237 x 155 x 72 mm / 9.33 x 6.10 x 2.83 inch			
Weight	3.5 kgs. / 7.7 Lbs.			

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