

150W, 300W Pure Sine Wave Inverter Model (S150-XXX S300-XXX)



Pure sine wave output (THD<4%)
 Input & output fully isolation design
 Capable of driving highly inductive & 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.

Model	S150-11 2	S150-124	S150-212	S150-224	S300-112	S300-124	S300-21 2	S300-224
Output Power	150W				300W			
Surge Power	200W				400W			
Input Voltage	12V	24V	12V	24V	12V	24V	12V	24V
Input voltage Range	10.5-15.0	21.0-30.0	10.5-15.0	21.0-30.0	10.5-15.0	21.0-30.0	10.5-15.0	21.0-30.0
Output Voltage	110VAC±5%		230VAC±5%		110VAC±5%		230VAC±5%	
Frequency	50/60Hz±3%							
Surge Efficiency	91%	92%	90%	93%	92%	93%	91%	94%
Efficiency(Max)	86%	87%	85%	88%	87%	88%	86%	89%
Efficiency(Full Load)	72%	79%	72%	80%	72%	78%	72%	80%
Output Current	0.18A	0.15A	0.22A	0.16A	0.26A	0.23A	0.23A	0.15A
Output Wave	Pure sine wave (THD<4%)							
Allowed	cosθ-90°~cosθ+90°							
Automatic Protection	overload, short circuit, over/under input voltage, reverse polarity(fuse)							
Long-distance controlled	Circumscribed switch long-distance controlled							
Safety	UL458				EN60950			
EMC	FCC Class B				EN50081-1:1992			
					EN50082-1:1992			
					EN55022B:1994			
					EN61000-4-2:1995			
					EN61000-4-3:1996			
Operating Tem.	0°C~40°C							
Storage Temperature	-30°Cto70°C							
Cooling	Load controlled cooling fan							
Dimensions	237*155*72mm/9.33*6.10*2.83inch							
Weight	3.5kg /7.7 pound							