

Pure Sine Wave Inverter

ASI -SERIES

Features:

- Pure sine wave output (THD<5%@Normal Load @12.5V).
- RS-232 communication.
- Power ON/OFF remote control(Green Terminal).
- Remote controller CR6(new) operational(user selectable)
- Input & Output fully isolation.
- Temperature & Load controlled cooling fan.
- Output frequency 50/60Hz DIP switch selectable.
- Output voltage DIP switch selectable
- Power saving mode adjust resistor-selectable.
- Tri-color indicators display status.
- Built in advance microprocessor to make friendly interface with user.
- Protection: Input over voltage / Input low voltage / Over temperature / Overload / Short Circuit / Reverse polarity(Internal Fuse)



Application:

Designed for a variety of mobile applications such as commercial, emergency, recreational vehicles / marine vessels and off-grid PV system.

Series Model:

Electrical	ASI-0602 ASI-0604	ASI-1002 ASI-1004	ASI-1502 ASI-1504	ASI-2002 ASI-2004	ASI-3002 ASI-3004	ASI-4002 ASI-4004
Continuous O/P Power (VA)	600	1000	1500	2000	3000	4000
Max. O/P Power (1 min)	>600 ~ 690	>1000 ~1150	>1500 ~ 1730	>2000 ~ 2300	>3000 ~ 3450	>4000 ~4600
Surge Power (1sec)	1050VA	1750VA	2650VA	3500VA	6000VA	8000VA
Frequency	50 or 60Hz +/-5%					
O/P Voltage	120Vac or 230Vac +/- 5%					
Efficiency Max.	89%	89%	89%	89%	89%	89%
O/P Waveform	Pure Sine Wave (THD <3%)					
I/P Voltage	12Vdc or 24Vdc					
I/P Range	10.5~16.5Vdc or 21~33Vdc					
No Load current draw	<1.8A@12Vdc or <0.8A@24Vdc					
Stand by mode current draw	<0.2A@12Vdc or <0.1A@24Vdc					
Operating Temperature	-20°C ~ 40°C					
AC Transfer Function Accessories	Option					
EMC	EN55022:Class A, EN55024:Class A, EN61000-3-2:Class A, EN61000-3-3					
Safety	Design meet UL458 and e Mark					
Dimension (WxHxD) / mm	330.1x200x83	372.2x200x83	421.2x248x83	443.2x248x83	reserve	reserve
Weight / Kg	2.9	3.5	4.9	5.4	reserve	reserve

*The specification is subject to change without prior notice