

PURE SINE WAVE INVERTER

SIG-3KW

Features:

Intelligent Control

- Five smart control mode, auto switch for different demand
- RS485 communicational portal, for app

High efficiency

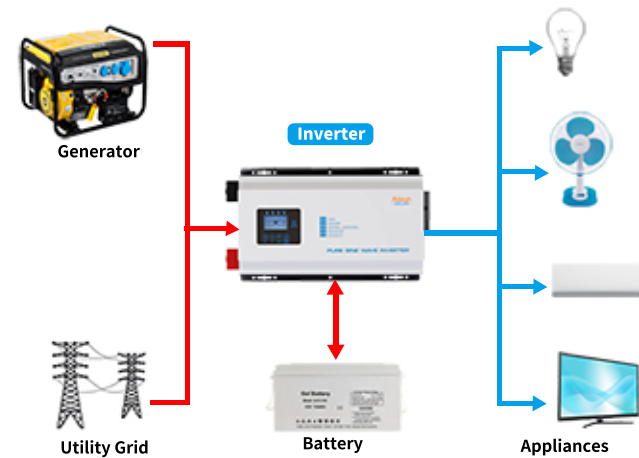
- Inverter transfer efficiency up to 85%

Charger

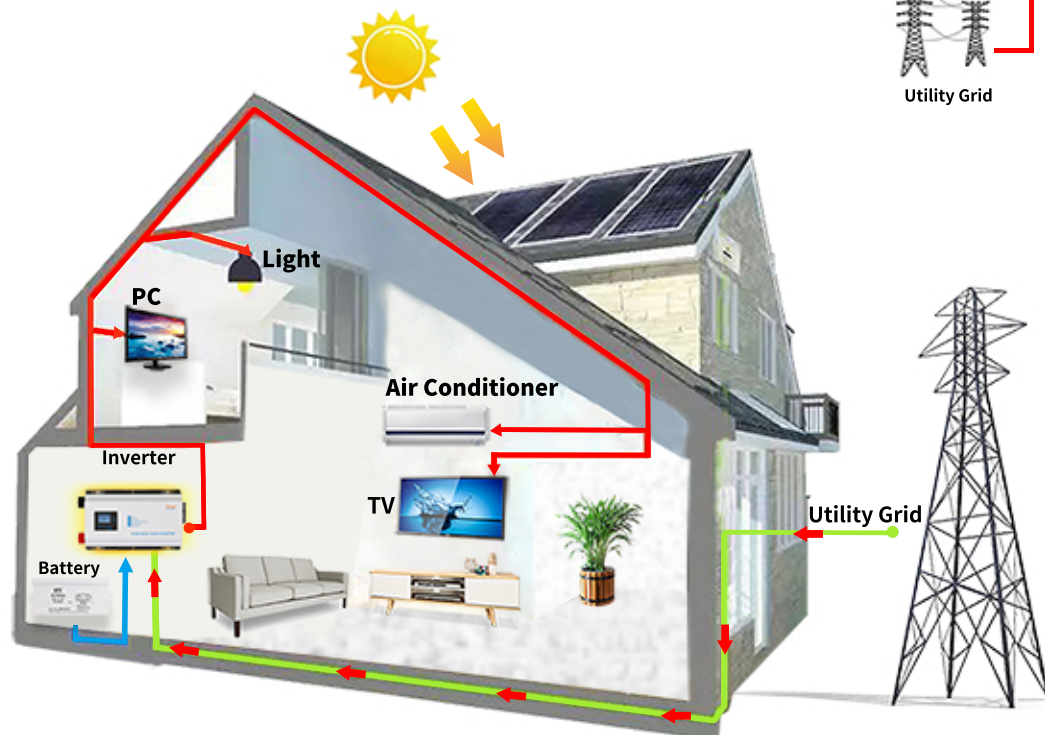
- Inbuilt 35A AC charger
- Can use with Lithium battery, Lifepo4 battery



Diagram



3D Visual



PURE SINE WAVE INVERTER

Model	SIG-3KW
Rated power	3KW
Surge power	9KW

AC Input & Output

Voltage	220VAC
Selectable Voltage Range	165-275VAC (220VAC)
Frequency Range	60Hz
AC Voltage Regulation (BATT. Mode)	(DC Batt.mode)220vac±3%
Transfer Time	≤4ms
Wave Form	Pure Sine Wave
Transformer type	Toroidal
Transfer efficiency	≥85%

Battery

Battery Voltage	12V/24V/48V
Type	Gel/SLA/AGM/Water/Lithium(lifepo4) Battery
DC Charge Voltage	12~16VDC(12V)/20~32VDC(24V)/40~64VDC(48V)
Overcharge Protection	Battery voltage ≥16VDC (12V) ≥32VDC (24V) ≥64VDC (48V)

AC Charger

Maximum Ac Charge Current	35A (adjustable)
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Working mode

01 mode	AC mains priority mode
02 mode	ECO mode
03 mode	DC battery priority mode
04 mode	Generator mode
05 mode	Unattended mode

Communication Port

Type	RS485, available for wifi box
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Physical

Dimension, D*W*H(MM)	455*263*205
G.W.(KGS)	18.5

Environment

Humidity	0~95% (NO CONDESNSATION)
Operating Temperature	0~60℃
Storage Temperature	0~60℃

*Product Specifications Are Subject To Change Without Further Notice