

PURE SINE WAVE INVERTER

FR-5KW



Features:

Intelligent Control

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

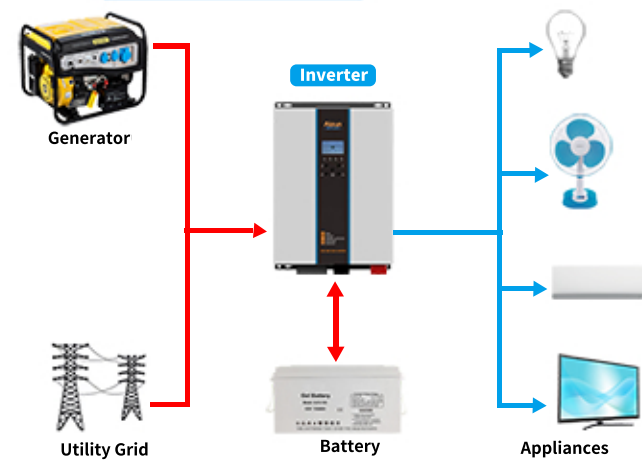
High efficiency

- Inverter transfer efficiency up to 85%

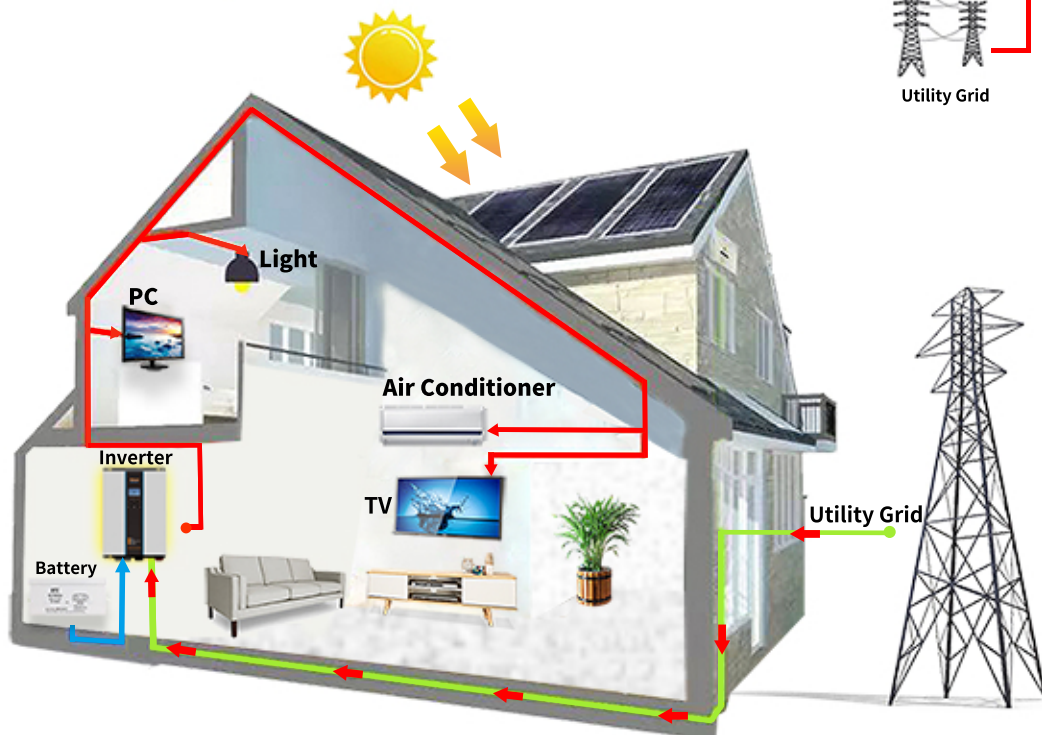
Charger

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

Diagram



3D Visual



PURE SINE WAVE INVERTER

Model	FR-5KW
Rated power	5KW
Surge power	15KW

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	24V/48V
Type	Gel/SLA/AGM/Water/Lithium(lifepo4) Battery
DC Charge Voltage	20~32VDC(24V)/40~64VDC(48V)
Overcharge Protection	Battery voltage ≥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)	528*362*177
G.W.(KGS)	29.2

Environment

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

*Product Specifications Are Subject To Change Without Further Notice