

Pure Sine Wave Inverter

FI Series

Features:

Stable & Durable

- latest toroidal transformer could handle triple surge power.
- Inbuilt AVR stabilizer for stable output

High efficiency

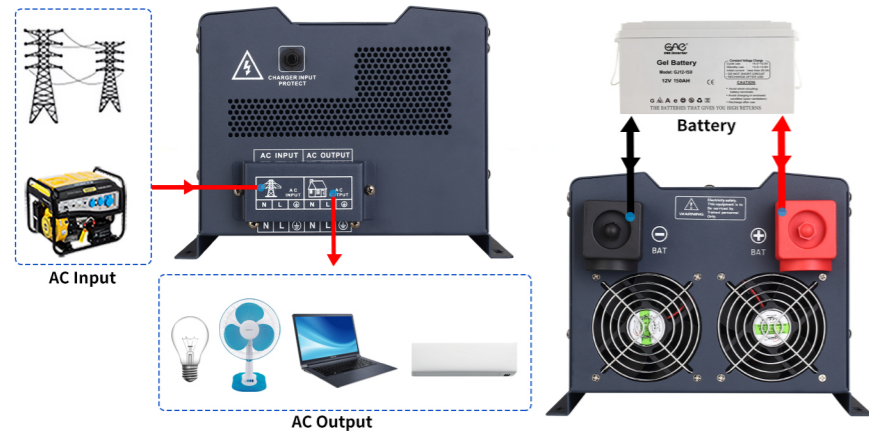
- Inverter transfer efficiency up to 85%

Charger

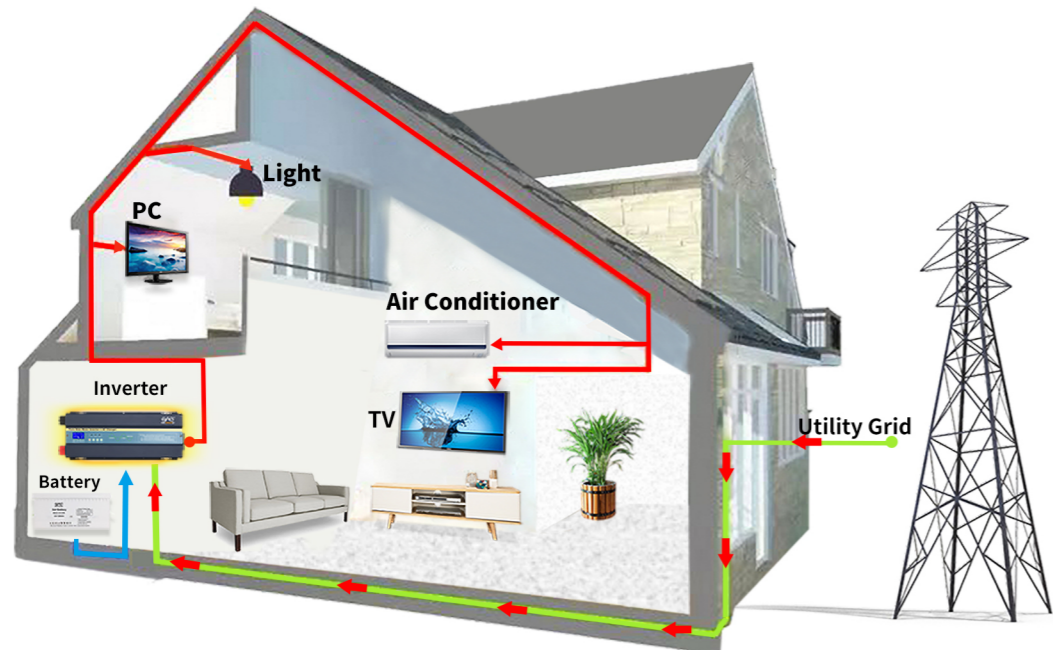
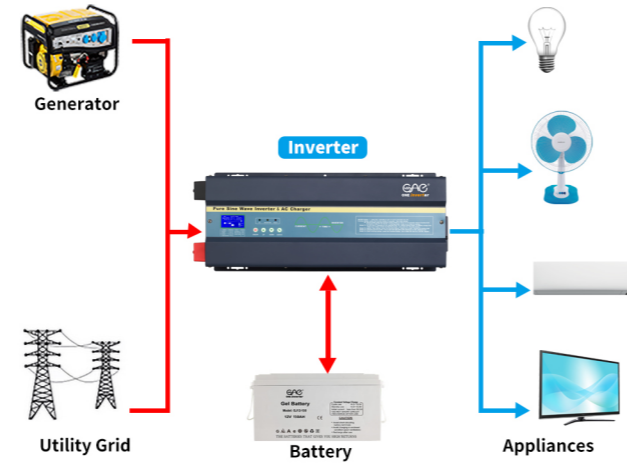
- Inbuilt 35A AC charger



Connection



Diagram



3D Visual

Pure Sine Wave Inverter

Model	FI-152	FI-202	FI-302	FI-402	FI-502	FI-602
Rated power	1.5KW	2KW	3KW	4KW	5KW	6KW
Surge power	4.5KW	6KW	9KW	12KW	15KW	18KW

AC Input & Output

Voltage	220VAC
Selectable Voltage Range	165-275VAC (220VAC)
Frequency Range	50Hz/60Hz automatic recognition
AC Voltage Regulation	(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	24V/48V
Type	Gel/SLA/AGM/ Lithium battery	
DC Charge Voltage	13.6-14.2VDC(12V)/27.2-28.4VDC(24V)/54.4-56.8VDC(48V)	
Overcharge Protection	Battery voltage ≥16VDC (12V) ≥32VDC (24V) ≥64VDC (48V), stop charging after 60s alarm	

AC Charger

Maximum AC Charge Current	35A (adjustable)
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Working mode

01 mode	AC mains priority
02 mode	ECO mode
03 mode	DC battery priority

Packing Details

Packing size D*W*H(MM)	530*335*260			740*355*275		
G.W.(KGS)	16	18	20	31	33	35

Environment

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

*Product Specifications Are Subject To Change Without Further Notice