

# Pure Sine Wave Inverter FT Series



## Smart Control

Five smart control mode, auto switch for different demand

RS485 communicational portal, for app & external screen control



## High Efficiency

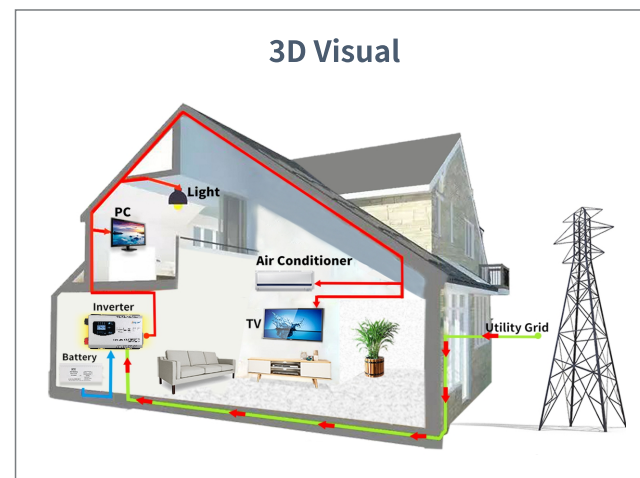
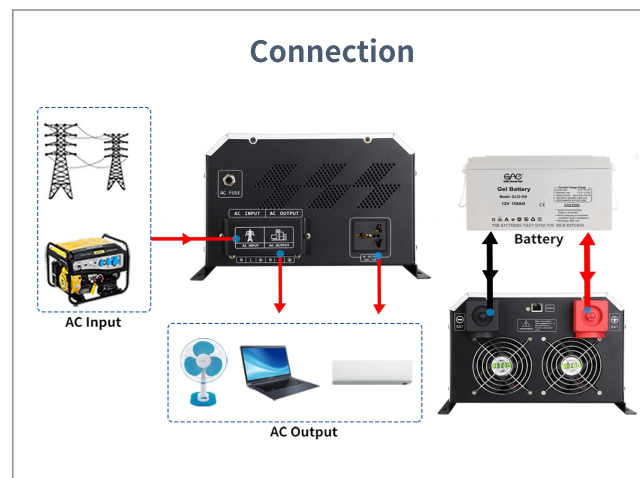
Inbuilt toroidal transformer transfer efficiency up to 85%

Inbuilt 35A AC charger 99% efficiency



## Battery Type

Support SLA/AGM/GEL/  
Lithium battery, **Lifepo4 battery**



# Technical Specification

Model	FT-152	FT-202	FT-302	FT-402	FT-502	FT-602
Rated power	1.5KW	2KW	3KW	4KW	5KW	6KW
Surge power	4.5KW	6KW	9KW	12KW	15KW	18KW
<b>AC Input &amp; Output</b>						
Voltage	220VAC					
Selectable Voltage Range	165-275VAC (220VAC)					
Frequency Range	50Hz/60Hz automatic recognition					
AC Voltage Regulation (BATT. Mode)	(DC Batt.mode)220vac ±3%					
Transfer Time	≤4ms					
Wave Form	Pure Sine Wave					
Transformer type	Toroidal					
Transfer efficiency	≥85%					
<b>Battery</b>						
Battery Voltage	12V/24V	12V/24V/48V		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), stop charging after 60s alarm					
<b>AC Charger</b>						
Maximum Ac Charge Current	35A (adjustable)					
<b>Working mode</b>						
01 mode	AC mains priority mode					
02 mode	ECO mode					
03 mode	DC battery priority mode					
04 mode	Generator mode					
05 mode	Unattended mode					
<b>Communication Port</b>						
Type	RS485, available for wifi box & external control screen					
<b>Physical</b>						
Dimension, D*W*H(MM)	595*380*270			775*380*275		
G.W.(KGS)	17	19	21	31	33	35
<b>Environment</b>						
Humidity	0~95% ( NO CONDESNSATION)					
Operating Temperature	0~60°C					
Storage Temperature	0~60°C					

\*Product Specifications Are Subject To Change Without Further Notice