



FT Series Pure Sine Wave inverter 1~6KW Available

Model	FT-102	FT-152	FT-202	FT-302	FT-402	FT-502	FT-602
Rated power	1KW	1.5KW	2KW	3KW	4KW	5KW	6KW
Surge power	3KW	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	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		

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 & external control screen
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Physical

Dimension, D*W*H(MM)	600*380*170				780*380*280		
G.W.(KGS)	15	17	19	21	31	33	35

Environment

Humidity	0~95% (No condensation)
Operating Temperature	0~60℃
Storage Temperature	0~60℃

*Product Specifications Are Subject To Change Without Further Notice

Intelligent Control

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

High efficiency

- Inverter transfer efficiency up to 85%

Charger

- Inbuilt 35A AC charger