



# FI Series Pure Sine Wave Inverter 1~6KW Available

### 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

Model	FI-102	FI-152	FI-202	FI-302	FI-402	FI-502	FI-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 (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	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

#### Physical

Packing size D*W*H(MM)	530*335*250				740*335*270		
G.W.(KGS)	14	16	18	20	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