

FT-SERIES 1KW-6KW SOLAR INVERTER

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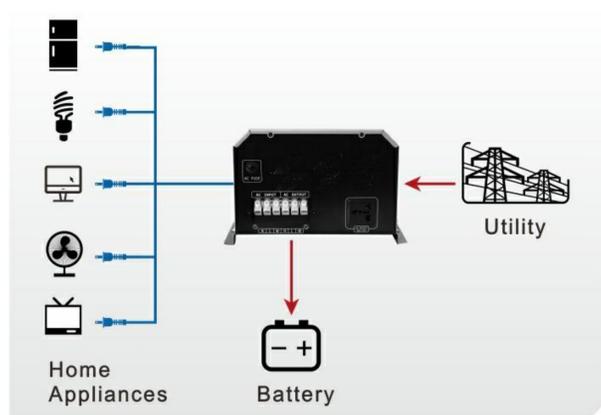


4KW-6KW

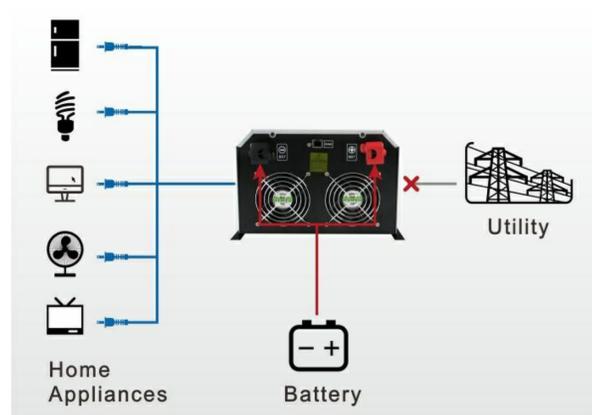
1KW-3KW

1. The MPPT efficiency is up to 99%.
2. DSP Intelligent control chip.
3. Result fetched from effective value, not average value.
4. Photoelectricity isolation circuitry technology.
5. Switching power is supplied by the independent system.
6. True over temperature protection.
7. The full bridge rectifier and mainboard structure are highly optimized. Input and output circuits are isolated.
8. Strong loading capacity with a true onetime soft start.
9. New and original electronic components.
10. Internal circuit lines and signal lines are based on plug-pull blocks, not welding.

1 AC Power available



2 AC Power not available



FI-SERIES SOLAR INVERTER SELECTION GUIDE

MODEL	FT-102	FT-202	FT-302	FT-402	FT-502	FT-602
RATED POWER	1KW	2KW	3KW	4KW	5KW	6KW
SURGE POWER	3KW	6KW	9KW	12KW	15KW	18KW
INPUT						
VOLTAGE	220VAC					
SELECTABLE VOLTAGE RANGE	145-265VAC			170-265VAC		
FREQUENCY RANGE	50Hz/60Hz±5Hz					
OUTPUT						
AC VOLTAGE REGULATION(BATT. MODE)	(DC BATT.MODE)220VAC±3%					
TANSFER TIME	≤5ms					
WAVE FORM	PURE SINE WAVE					
BATTERY						
BATTERY VOLTAGE	12V/24V			24V/48V		
FLOATING CHARGE VOLTAGE	13.8V(12V)/27.6V(24V)/55.2V(48V)					
OVERCHARGE PROTECTION	17V(12V)/34V(24V)/68V(48V)					
AC CHARGER						
STANDBY POWER COMSUMPTION	15W					
MAXIMUM AC CHARGE CURRENT	35A					
PHYSICAL						
DIMENSION,D*W*H(mm)	530*335*250mm			740*335*275mm		
G.W.(KGS)	17.3	23.3	26.8	33.4	35.4	37.4
ENVIRONMENT						
HUMIDITY	0~95% (NO CONDESNSATION)					
OPERATING TEMPERATURE	0~60℃					
STORAGE TEMPERATURE	0~60℃					

*PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT FURTHER NOTICE