

# FI-SERIES 1KW-7KW SOLAR INVERTER

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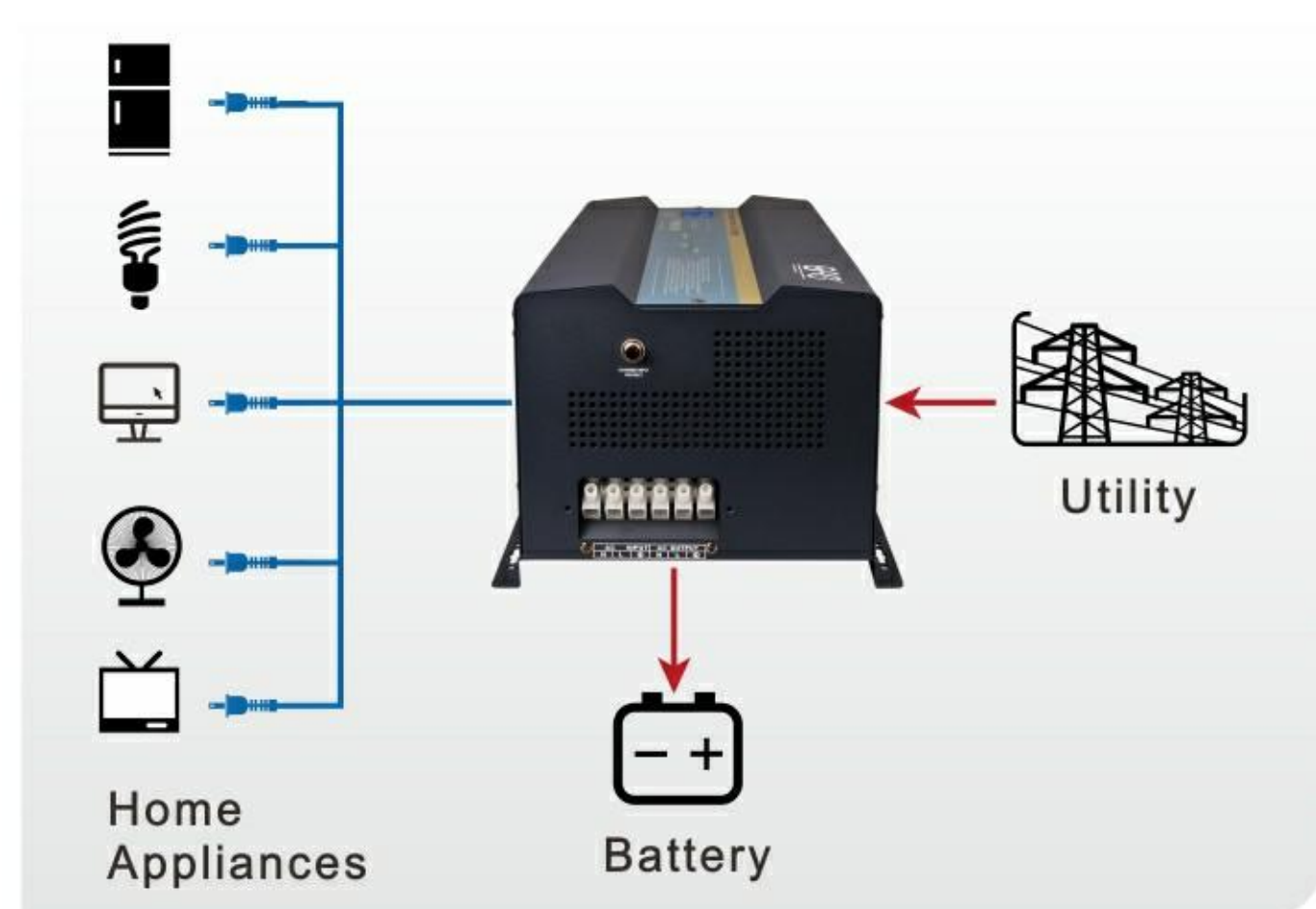


4KW-7KW

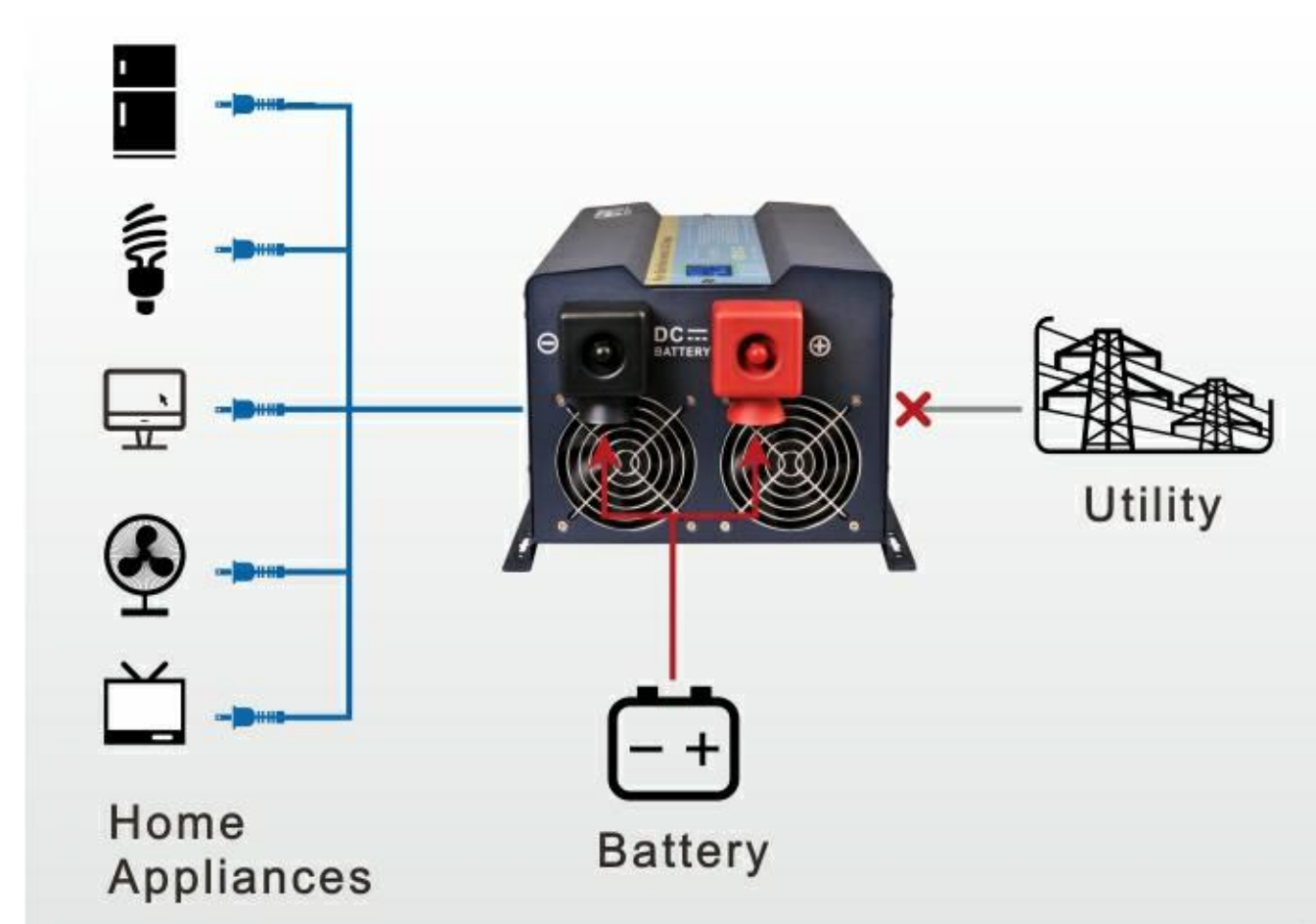
1KW-3KW

1. The efficiency is up to 90%.
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	FI-102	FI-152	FI-202	FI-302	FI-402	FI-502	FI-602	FI-702
RATED POWER	1KW	1.5KW	2KW	3KW	4KW	5KW	6KW	7KW
SURGE POWER	3KW	4.5KW	6KW	9KW	12KW	15KW	18KW	21KW
<b>INPUT</b>								
VOLTAGE	220VAC							
SELECTABLE VOLTAGE RANGE	145-265VAC				170-265VAC			
FREQUENCY RANGE	50Hz/60Hz±5Hz							
<b>OUTPUT</b>								
AC VOLTAGE REGULATION(BATT. MODE)	(DC BATT.MODE)220VAC±3%							
TANSFER TIME	≤5ms							
WAVE FORM	PURE SINE WAVE							
<b>BATTERY</b>								
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)							
<b>AC CHARGER</b>								
STANDBY POWER COMSUMPTION	15W							
MAXIMUM AC CHARGE CURRENT	35A							
<b>PHYSICAL</b>								
DIMENSION,D*W*H(mm)	530*335*250mm				740*335*275mm			
G.W.(KGS)	12	14	15.6	20.3	26.9	30	34.4	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