

LSI-SERIES 1.5KW-10KW HYBRID INVERTER

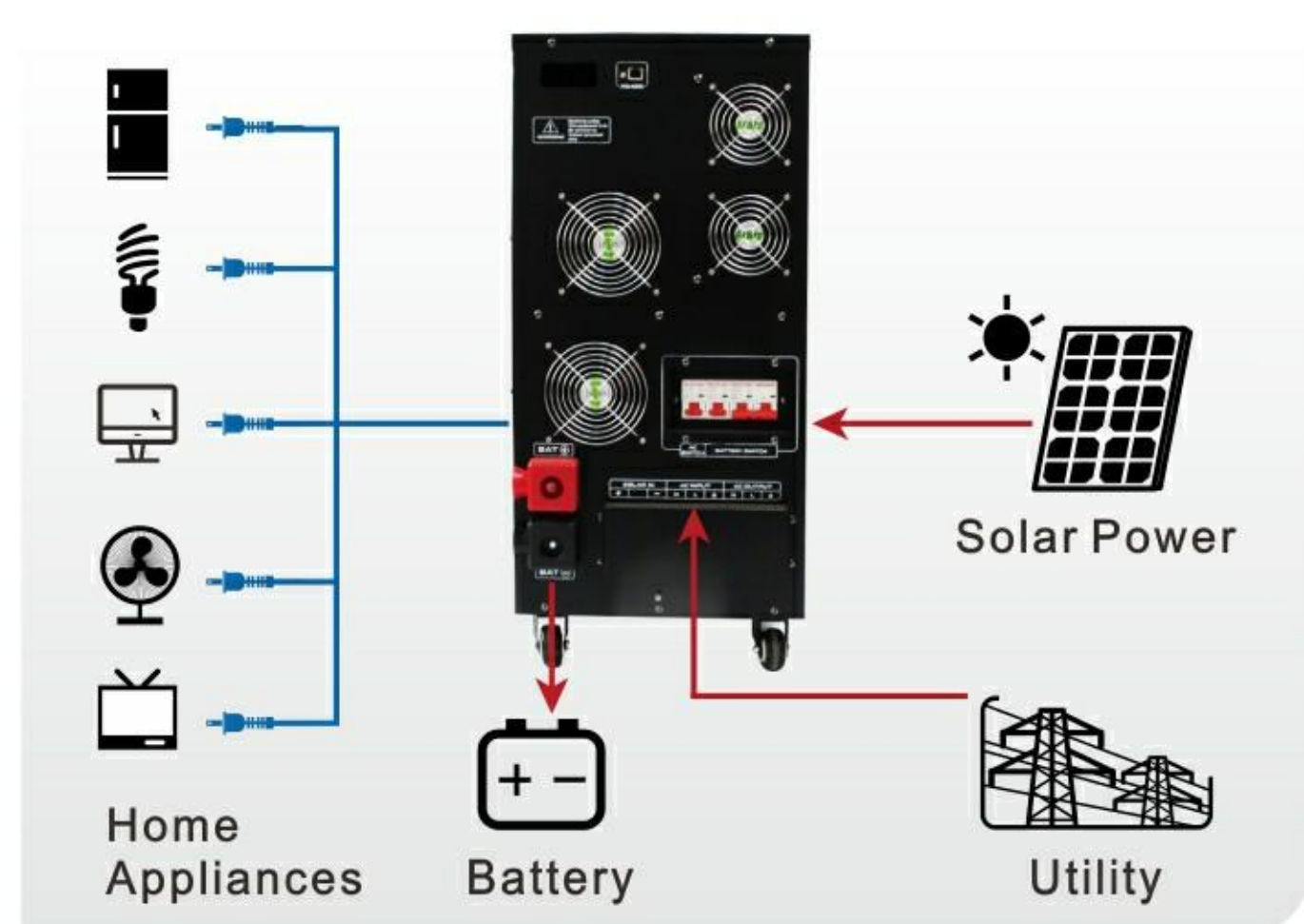
HYBRID INVERTER



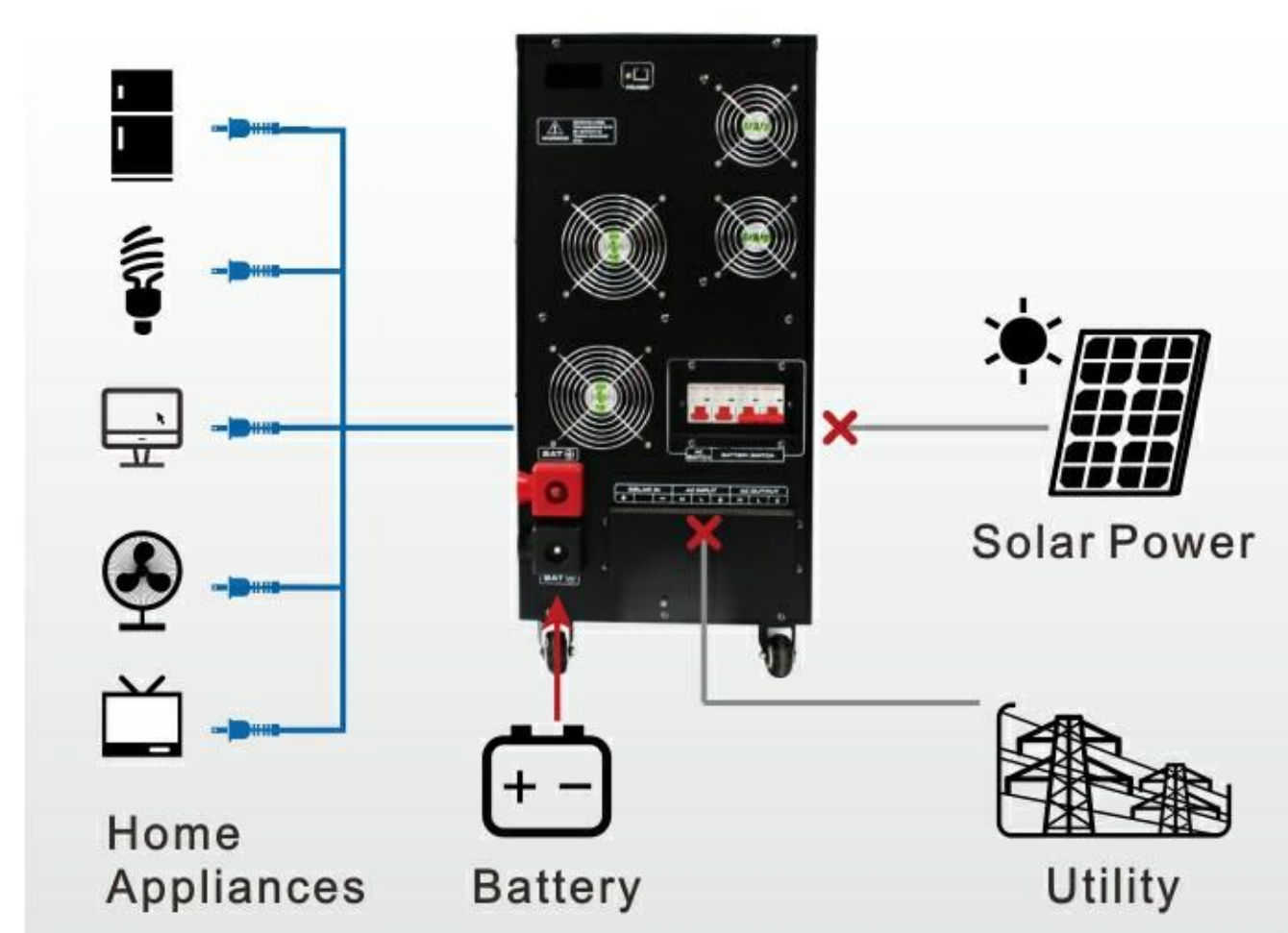
1. Built-in MPPT solar controller for maximum power point tracking, mppt efficiency is up to 99%.
2. DSP Intelligent control chip.
3. Result fetched from effective value, not average value.
4. Photoelectricity isolation circuitry technology.
5. Switching power is supplied by the independent system.
6. 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.

Hybrid Inverter with MPPT solar charge controller

1 Solar Power and AC Power available



2 Solar Power and AC Power not available



LSI-SERIES HYBRID INVERTER SELECTION GUIDE

MODEL	LSI-152	LSI-202	LSI-302	LSI-502	LSI-702	LSI-103
RATED POWER	1.5KW	2KW	3KW	5KW	7KW	10KW
SURGE POWER	3KW	6KW	9KW	15KW	21KW	30KW
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	≤8ms					
WAVE FORM	PURE SINE WAVE					
BATTERY						
BATTERY VOLTAGE	12V/24V	24V/48V		48V	96V	
FLOATING CHARGE VOLTAGE	14.2V(12V) / 28.4V(24V) / 56.8V(48V) / 113.6V(96V)					
OVERCHARGE PROTECTION	17V(12V) / 34V(24V) / 68V(48V) / 136V(96V)					
SOLAR CHARGE & AC CHARGER						
MAXIMUM PV ARRAY OPEN CIRCUIT VOLTAGE	150VDC				200VDC	
STANDBY POWER COMSUMPTION	15W					
MAXIMUM AC CHARGE CURRENT	15A					
MAXIMUM SOLAR CHARGE CURRENT	30-120A (OPTIONAL)					
MAXIMUM CHARGING CURRENT	45A-135A					
PHYSICAL						
DIMENSION,D*W*H(mm)	380*250*350	505*320*500		620*375*570	630*400*740	
G.W.(KGS)	18.5	27.2	30.5	56.5	62.5	68.2
ENVIRONMENT						
HUMIDITY	0~95% (NO CONDESNSATION)					
OPERATING TEMPERATURE	0~60°C					
STORAGE TEMPERATURE	0~60°C					

*PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT FURTHER NOTICE