

Hybrid Inverter



KSI 8.0_48 HYB 1P

Features



On-Grid and Off-Grid

This Series is suitable for on-grid and off-grid application



Easy access

Accessible through a LCD touch screen and through the web.
Two outputs for smart load management



BMS

BMS Communication for lithium battery



Remote monitoring

Charge from the grid at off-peak time when energy is cheaper and discharge at peak time when energy is more expensive.



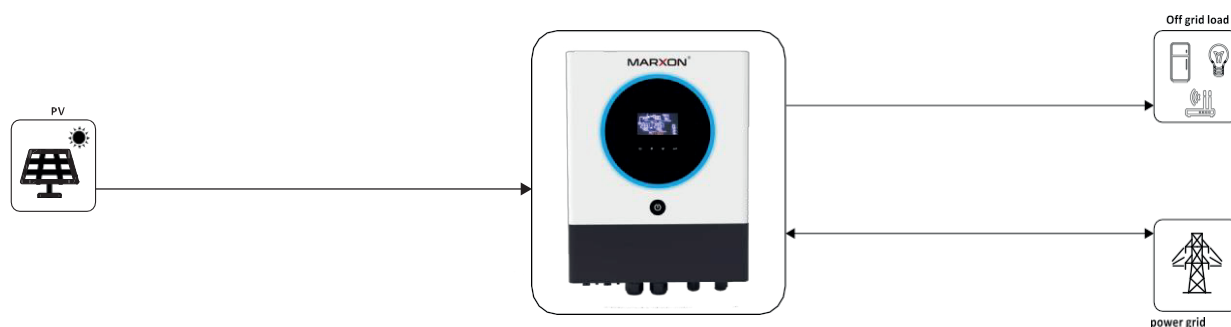
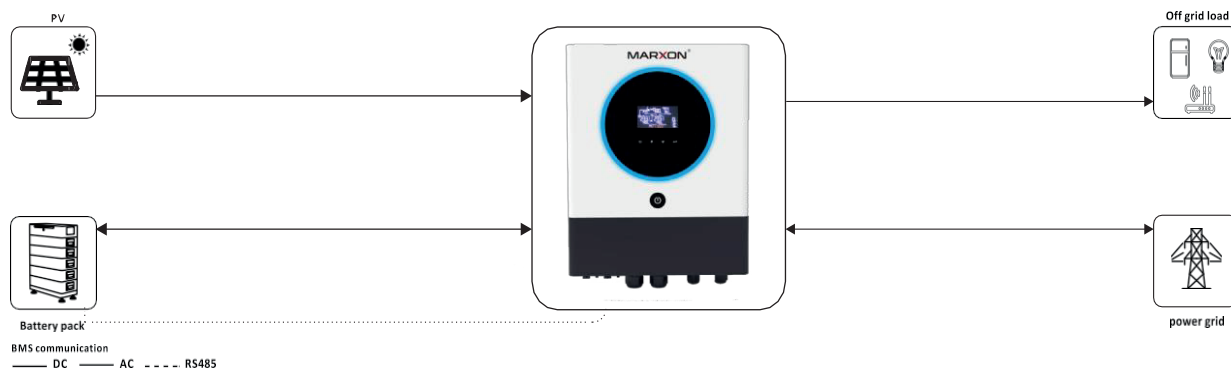
Safe

Built-in anti-dust kit for harsh environment
AC overcurrent, AC overvoltage, overtemperature protection



*Illustrative image

Product application diagram



Product Model	KSI 4.0_48 HYB 1P	KSI 6.0_48 HYB 1P	KSI 8.0_48 HYB 1P	KSI 11_48 HYB 1P
Rated power	4KW	6KW	8KW	11KW
AC Input				
Nominal voltage(VAC)	230			
Voltage range(VAC)	170-280			
Frequency range(Hz)	50/60			
AC Output				
Surge power	8000	12000	16000	22000
Output voltage(VAC)	220/230/240			
Output wave form	Pure sine wave			
Rated frequency (Hz)	50/60			
Efficiency	Up to 93.5%			
Transfer time	10ms typical (Narrow range); 20ms typical(Wide range)			
Solar charger & AC charger				
Max. PV array open circuit wolage(VDC)	500			
Max. PV array power(W)	5000	8000	11000	13000
MPPT input valtage range@operating(VDC)	60-450			
Max. input current(A)	27	15*2	27*2	
Max. solar charging current(A)	120			
Max. AC charging current(A)	120			
Max. charging curent(A)	120			
Battery				
Nominal DC voltage(VDC)	24	48		
Floating charge voltage(VDC)	27	54		
Overcharge protection(VDC)	31	63		
Battery type	Lithium & Lead-acid			
Display & Interface				
Parallel function	Up to 6 units			
Communication	RS232&USB(Optional)&(RS485,CAN)(Optional)&WIFI(Optional)&Bluetooth(Optional)			
Display	5' colorful LCD			
Environment				
Humidity	0-90% RH(No condensing)			
Operating temperature	0 to 50° C			
Net weight(KG)	9	18	18.8	20
Dimensions D x W x H (mm)	434*311*126.5	500*440*136	420*561*152.4	
Degree of protection	IP20			

