

Features

6KW 230V



MPPT
Pure sine wave MPPT solar inverter
Built-in 80/120A MPPT solar charger



Battery
Battery equalization function extend life cycle
Reserved communication port(RS485,CAN)for BMS



Off-grid
This series is suitable for off-grid applications.

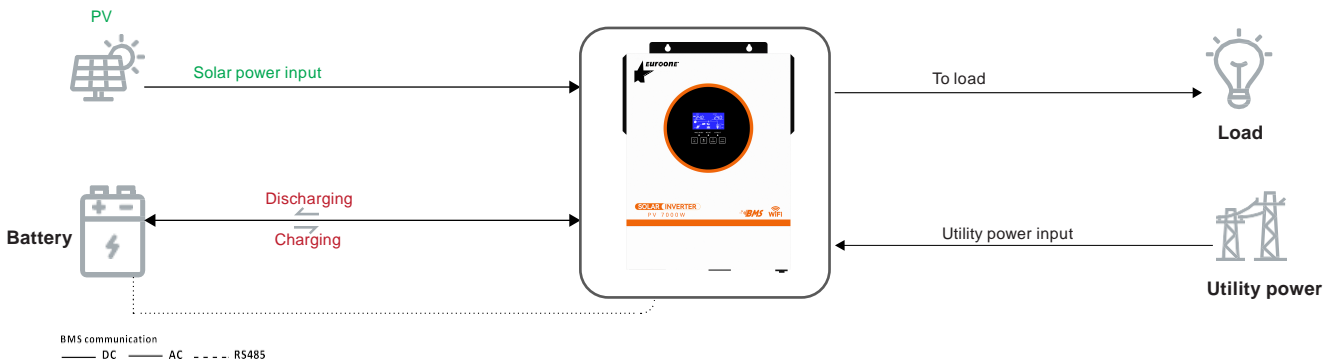


Easy access
High PV input voltage range With touch buttons
Two outputs for smart load management (4/6KW OPT)

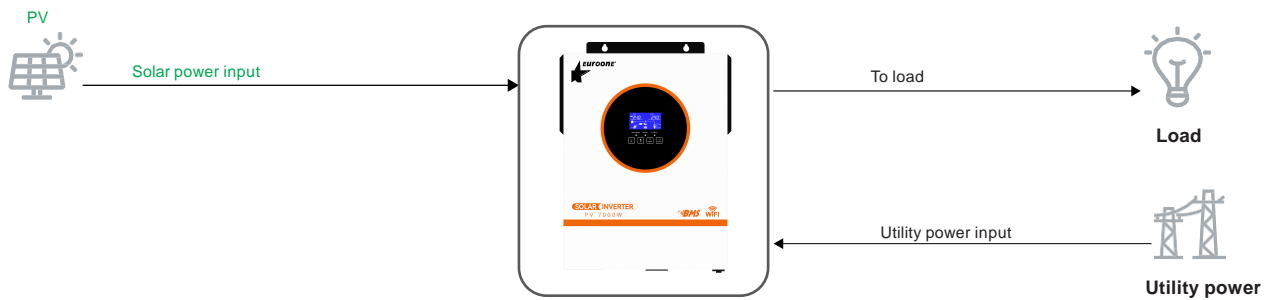


Product application diagram

- With battery connected



- Without battery connected





Off-Grid Inverter

MKS SVA SERIES

Product Model	MKS-LW6K-SVA
Rated power	6000W
Input	
Voltage	230VAC
Selectable voltage range	170-280VAC(For personal computers); 90-280VAC(For home appliances)
Frequency range	50Hz/60Hz (Auto sensing)
Output	
AC voltage regulation(Batt.mode)	230VAC±5%
Surge power	12000W
Efficiency (Peak)	93%
Transfer time	10ms(For personal computers); 20ms(For home appliances)
Waveform	Pure sine wave
Battery	
Battery voltage	48VDC
Floating charge voltage	54VDC
Overcharge protection	63VDC
Solar charger & AC charger	
Solar charger type	MPPT
Maximum PV array open circuit voltage	500VDC
Maximum PV array power	7000W
MPPT range @operating voltage	60-450VDC
Maximum solar charge current	120A
Maximum AC charge current	100A
Maximum charge current	120A
General Parameters	
Weight(kg)	9
Size D * W * H(mm)	400*300*115
Degree of protection	IP20
Humidity	5% to 95% Relative humidity(Non-condensing)
Operating temperature	-10°C to 50°C
Communication	
Communication interface	Standard:RS232; CAN; Optional: WiFi
Safety standard	EN/EC62109-1,EN/EC62109-2

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