

Features

3.2KW 230V



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



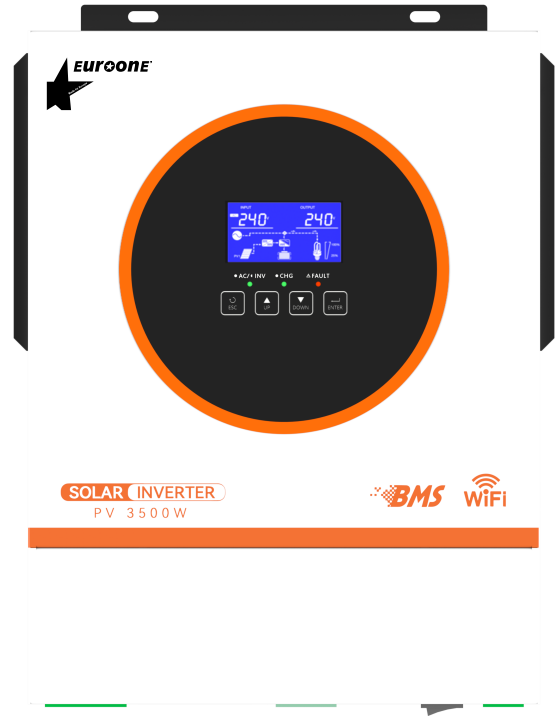
Battery
Battery equalization function extend life cycle
Reserved communication port(RS485,CAN)for BMS



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)

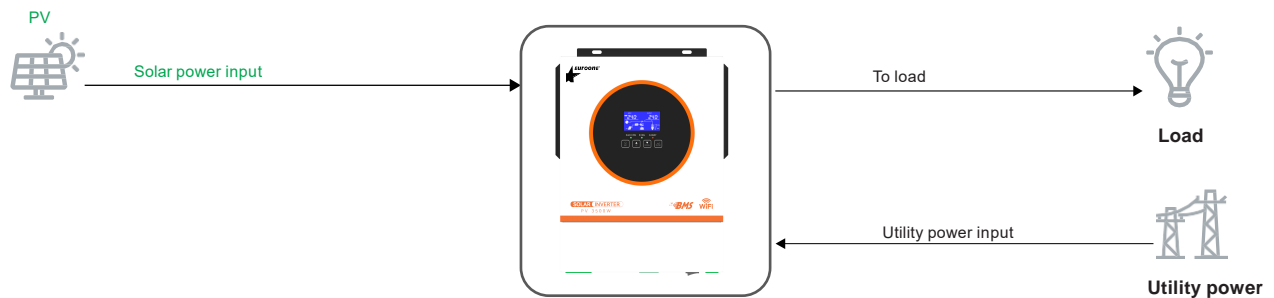


Product application diagram

- With battery connected



- Without battery connected



Product Model	MKS-LW3K2-SVA
Rated power	3200VA/W
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	6400VA/W
Efficiency (Peak)	93%
Transfer time	10ms(For personal computers); 20ms(For home appliances)
Waveform	Pure sine wave
Battery	
Battery voltage	24VDC
Floating charge voltage	27VDC
Overcharge protection	33VDC
Solar charger & AC charger	
Solar charger type	MPPT
Maximum PV array open circuit voltage	500VDC
Maximum PV array power	3500W
MPPT range @operating voltage	30-450VDC
Maximum solar charge current	80A
Maximum AC charge current	60A
Maximum charge current	80A
General Parameters	
Weight(kg)	5.5
Size D * W * H(mm)	348*270*95
Degree of protection	IP20
Humidity	5% to 95% Relative humidity(Non-condensing)
Operating temperature	-10°C to 50°C
Communication	
Communication interface	Standard:RS232; Optional: WiFi
Safety standard	EN/EC62109-1,EN/EC62109-2

ZAFER ENERGYSYSTEMS IND.&FOREIGNTRADE CO.LTD.

Head Office

BEYLIKDUZU O.S.B MERMERCILER SAN SIT. 9. CAD. NO:18 BEYLIKDUZU/ISTANBUL

TEL : +90(212)632 77 75

FAX : +90(212)632 05 87

WEB : <http://www.zaferbattery.com>