

### 8KW 230V



#### On-Grid and Off-Grid

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



#### Easy access

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



#### BMS

BMS Communication for lithium battery



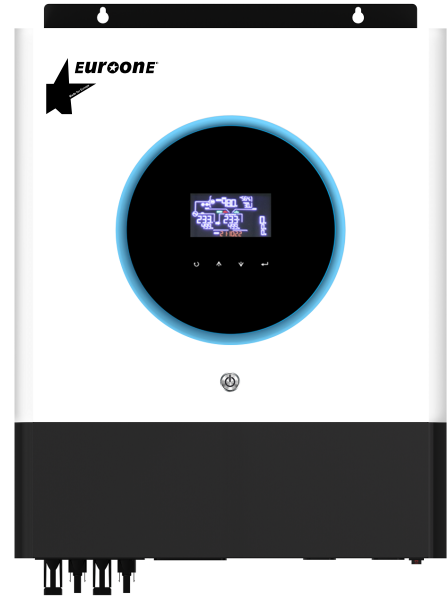
#### Flexible Rate Tariff

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

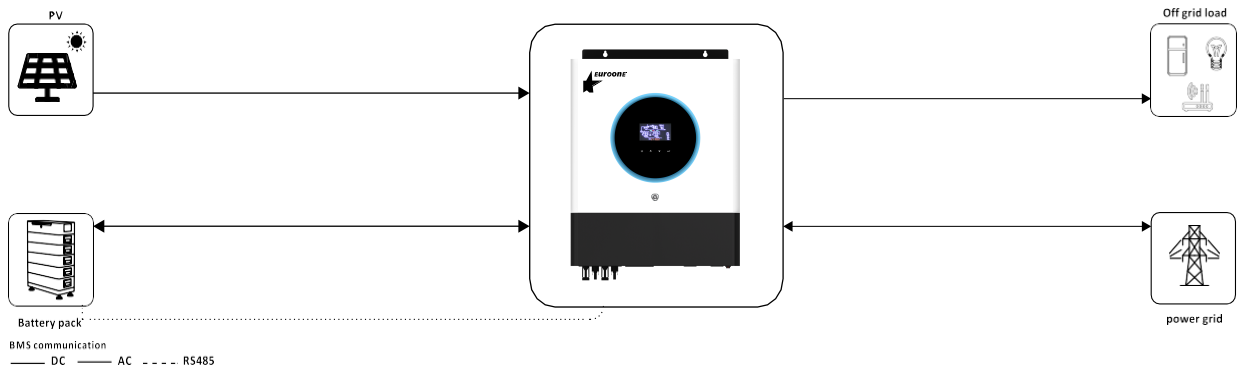


#### Safe

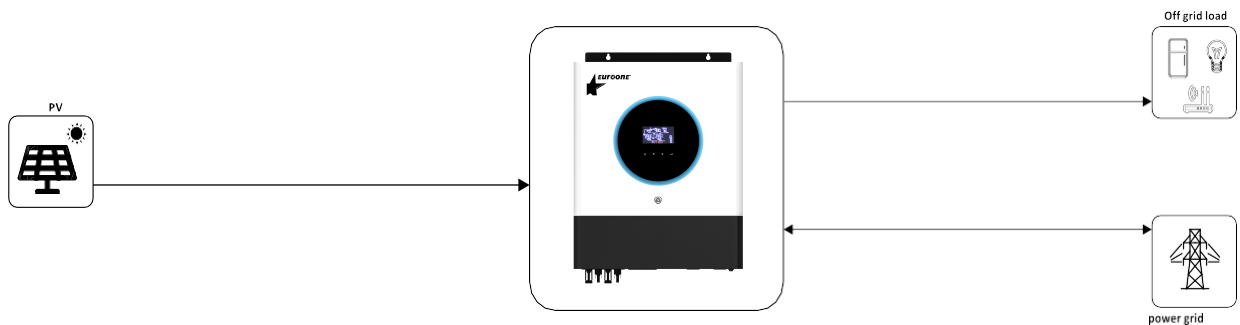
Built-in anti-dust kit for harsh environment AC overcurrent, AC overvoltage, overtemperature protection



### Product application diagram



### Product application diagram



<b>Product Model</b>	<b>MKS-HW8K-SVM</b>
Rated power	8KW
<b>AC Input</b>	
Nominal voltage(VAC)	230
Voltage range(VAC)	170-280
Frequency range(Hz)	50/60
<b>AC Output</b>	
Surge power	16000
Output voltage(VAC)	220/230/240
Output wave form	Pure sine wave
Rated frequency (Hz)	50/60
Efficiency	Up to 93%
Transfer time	10ms typical (Narrow range); 20ms typical(Wide range)
<b>Solar charger &amp; AC charger</b>	
Max. PV array open circuit volage(VDC)	500
Max. PV array power(W)	11000
MPPT input valtage range@operating(VDC)	60-450
Max. input current(A)	27*2
Max. solar charging current(A)	120
Max. AC charging current(A)	120
Max. charging curent(A)	120
<b>Battery</b>	
Nominal DC voltage(VDC)	48
Floating charge voltage(VDC)	54
Overcharge protection(VDC)	63
Battery type	Lithium & Lead-acid
<b>Display &amp; Interface</b>	
Parallel function	Up to 6 units
Communication	RS232,CAN; Optional: WIFI
Display	5' colorful LCD
<b>Environment</b>	
Humidity	0-90% RH(No condensing)
Operating temperature	-10 to 50° C
Net weight(KG)	19.6
Dimensions D x W x H (mm)	610*440*160
Degree of protection	IP20

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