

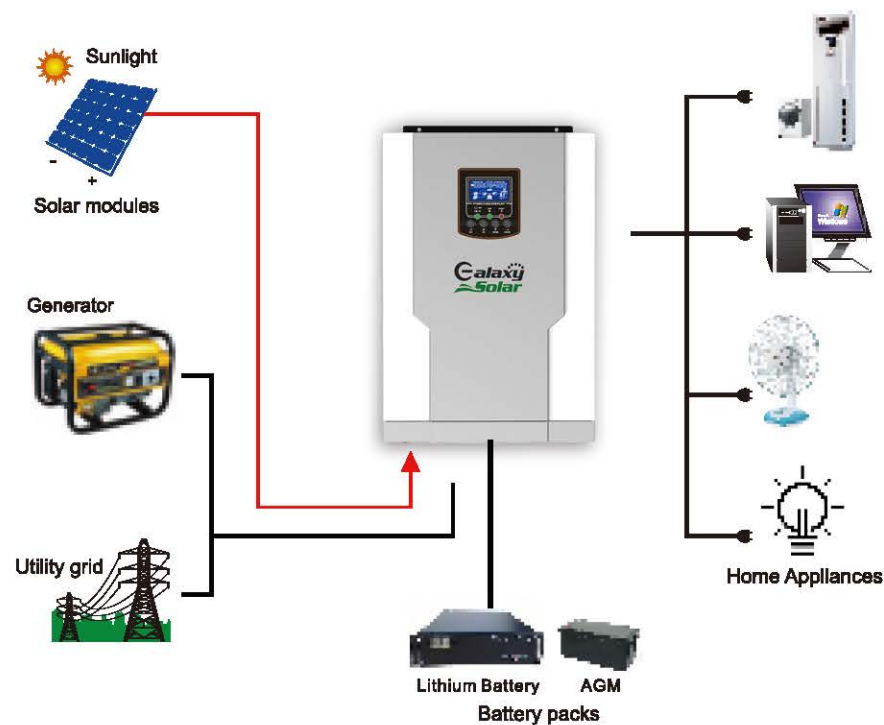
## MGS-V-(3-5)K



### Features:

- High efficiency pure sine wave inverter (PF=1)
- Wide PV input range (120VDC-500VDC) 80A MPPT SCC; intelligent 3 stage 60A/80AAC Charger
- Surges to 2X continuous power for 5 seconds for motor loads
- Intelligent functionality enables utility and solar input prioritization
- Wide utility input range (90VAC-280VAC) for unreliable grid even
- In the most challenging environments
- Field serviceable with replacement boards and spare parts
- Monitor, troubleshoot, or communication with USB/RS232
- System configures quickly into compact, wall mounted system
- Working without batteries in sun day
- WIFI/GPRS monitoring function (optional)

## SOLUTION



Model	MGS V 3K	MGS V 5K
Rated Power	3200VA /3200W	5000VA /5000W
<b>AC INPUT</b>		
Normal Voltage	230VAC	230VAC
AC Voltage range	90-280VAC	90-280VAC
Max. Charge Current	80A (Settable)	80A (Settable)
Frequency Range	50/60Hz (Auto Sensing)	50/60Hz (Auto Sensing)
<b>Battery</b>		
Battery Type	Lithium/Lead Acid	Lithium/Lead Acid
Normal Voltage	25.6V/24V	51.2V/48V
Float Charge Voltage	27VDC	54VDC
MAX. Charge Voltage	29VDC	59VDC
Over Voltage Protection	33VDC	63VDC
<b>Solar Charger</b>		
Max. Recommended PV Power	4000W	5000W
MPPT Tracker	1	1
Max. PV Open Circuit Voltage	500VDC	500VDC
MPPT Voltage Range	120~450VDC	120~450VDC
Max. Solar Charge Current	80A	80A
Max. MPPT Efficiency	>98%	>98%
<b>Output Data</b>		
Normal Voltage	230VAC ±5%	230VAC ±5%
Normal Frequency	50/60Hz	50/60Hz
Waveform	Pure Sine Wave	Pure Sine Wave
Switch Time	10ms	10ms
Surge Power	6400VA	10000VA
Parallel Capacity	NO	NO
<b>Interface</b>		
Display	LCD+LED	LCD+LED
Lithium Battery Communication	NO	NO
RS232/USB	YES	YES
Wifi/GPRS	Optional	Optional
Warranty	1 Years	1 Years
<b>Physical</b>		
Dimensions (W/H/D)	300*440*100mm	300*440*100mm
Weight	9kg	10kg
Protection Degree	IP20	IP20
Relative Humidity	5%~95% Relative Humidity (non condensing)	5%~95% Relative Humidity (non condensing)
Operating Temperature	0°C~50°C	0°C~50°C
Storage Temperature	15°C~60°C	15°C~60°C