

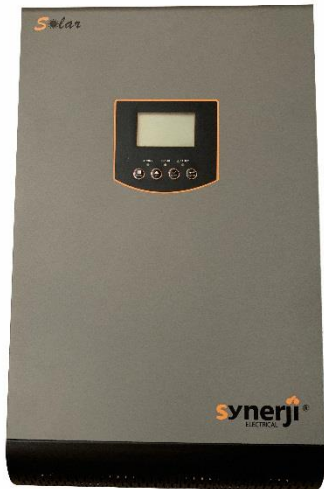


5KVA / 5KW 80 AMP II OFF GRID SOLAR INVERTER AXPERT MKS II



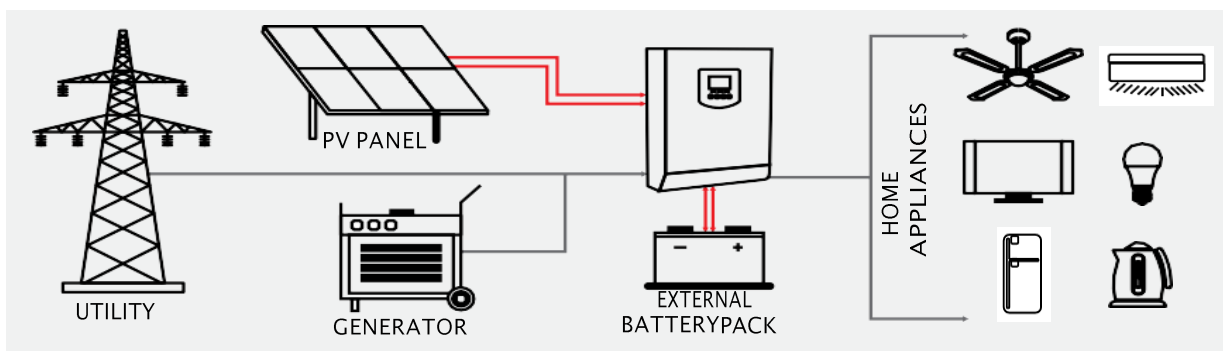
FEATURES

- Rated power 5000VA / 5000W
- Rated current 80A
- Nominal battery system voltage 48VDC
- Max PV Voltage (VOC) 450 VDC
- AC output 230 VAC, 50/60Hz
- Pure sine wave inverter
- Built-in MPPT solar charge controller
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC / Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Battery equalization for optimized battery performance and life-cycle
- Parallel operation with up to 9 units



SYN-AXPMKS-II-5K-48

SYSMK5K48V





INVERTER

Rated Power	5000VA / 5000W
Parallel Capability	9 units

INPUT

Voltage	230VAC
Selectable Voltage Range	170-280VAC (For PC) 90-280VAC (For Home Appliances)
Frequency Range	50Hz/60Hz (Auto sensing)

OUTPUT

AC Voltage Regulation	230VAC \pm 5%, 22A, 1 \emptyset
Surge Power	10000VA
Efficiency (Peak)	90%
Transfer line	10ms (For PC) 20ms (For home appliances)
Waveform	Pure sine wave

BATTERY

Battery Voltage	48VDC
Floating Charge Voltage	54VDC
Overcharge Protection	66VDC

SOLAR CHARGER & AC CHARGER

Max. PV Array Power	4500W
MPPT range at operating voltage	120VDC - 430VDC
Max. PV Array open circuit voltage	450VDC
Max. Solar Charge Current	18A
Max. AC Charge Current	80A, Default 30A

MECHANICAL SPECIFICATIONS

Packaging Dimensions	395*610*210mm
Machine Dimensions (W*H*D)	295*468*120mm
Weight (kg)	Nett 11.0 kg Gross 12.5kg

OTHER

Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	0°C -55°C
Storage Temperature	-15°C -60°C