



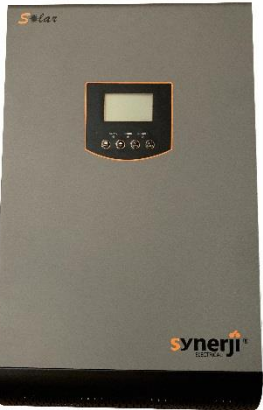
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5KVA HIGH FREQUENCY OFF GRID SOLAR INVERTER



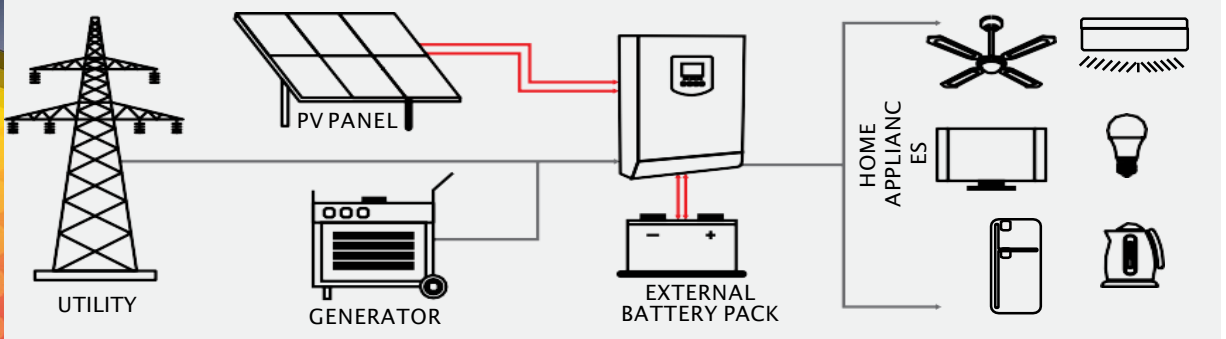
FEATURES

- The SYSV18-5K-VPK is a multi-function inverter/charger, combining the functions of inverter, AC utility, PWM solar charger and battery charger, to offer uninterruptible power support. It's comprehensive LCD display offers user-configurable easy-accessible button operation, such as "battery charging current", "AC / Solar charger priority" and "acceptable input voltage" based on different applications.
- Pure sine wave output
- Nominal Battery System Voltage 48VDC
- Pure sine wave output
- Smart LCD setting (Working modes, Charge Current, Charge Voltage)
- Built-in MPPT 60A solar charge controller
- Overload, short circuit and Deep discharge protection.
- Cold start function
- WIFI/GPRS remote monitoring (optional)
- Support USB, RS485 monitoring function with free CD
- New Sub working mod3e (Solar-Utility-Battery)
- Parallel operation with up to 3 units
- Compatible with generator
- IP20 rating



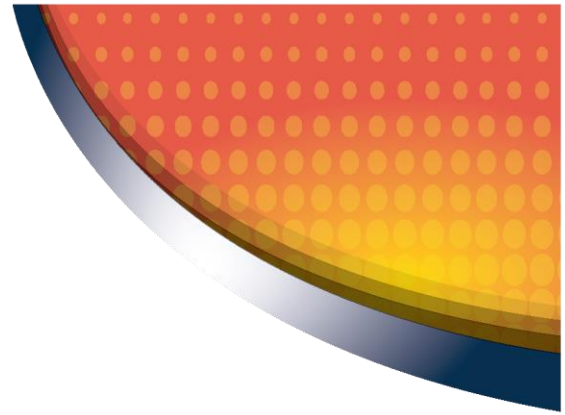
MODEL SYSH18-5K-VPK

SYSMK5K48V





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INVERTER OUTPUT		SOLAR CHARGER & AC CHARGER	
Rated Power	5000W	Max. PV Array Open Circuit Voltage	105VDC
Surge Power	10 000W	Standby Power Consumption	2W
AC Voltage Regulation (Batt. Mode)	220VAC - 240VAC +-5%	(PWM) Max. Solar Charge Current	60A
Inverter Efficiency (Peak)	93%	Max. AC Charge Current	60A
Transfer Time	10ms(FST,APL) 20 ms (For home appliances)	Max. Charge Current	120A
AC INPUT		MECHANICAL SPECIFICATIONS	
Voltage	230VAC	Dimension (W*H*D)	297,5*468*125mm
Frequency Range	50Hz/60Hz (Auto sensing)	Packaging Dimensions (W*H*D)	618*415*261mm
		Nett Weight (kg)	12
		Gross Weight (kg)	13.5
BATTERY		OTHER	
Normal Voltage	48VDC	Humidity	5% to 95% Relative Humidity (Non-condensing)
Floating Charge Voltage	54VDC	Operating Temperature	0°C -55°C
Overcharge Protection	60VDC	Storage Temperature	-15°C -60°C

Output Protection
 requires 16Amp Circuit Breaker

APPROXIMATE BACK-UP TIMETABLE

MODEL	LOAD (VA)	BACK UP TIME @48V 100Ah(min)	BACK UP TIME @48V 200Ah(min)
5KVA	500	613	1288
	2500	90	215
	5000	40	90



electrahertz
(Pty) Ltd
 electrical suppliers

Pretoria
 Tel: +27 (0)12 804-0120
 salespt@electrahertz.co.za
<https://www.facebook.com/Electrahertz>

Jet Park
 Tel: +27 (0)11 397-1750
 salesjp@electrahertz.co.za
www.electrahertz.co.za

