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3KVA / 3KW OFF GRID SOLAR INVERTER

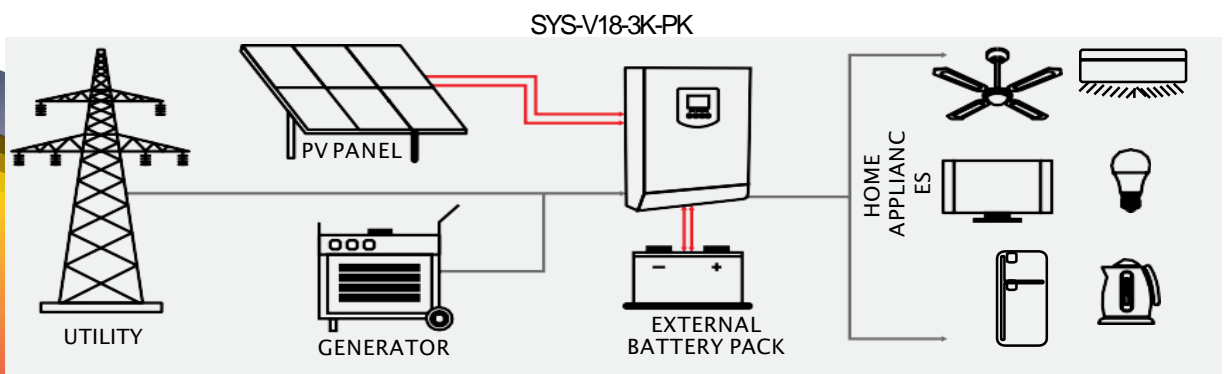


FEATURES



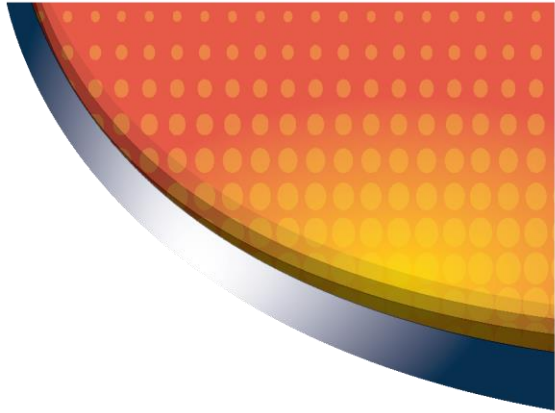
MODEL SYS-V18-3K-PK

- Rated power 3KVA
- Nominal Battery System Voltage 24VDC
- Pure sine wave output
- Smart LCD setting (Working modes, Charge Current, Charge Voltage, etc.)
- Built-in PWM 50A solar charge controller
- Combining solar system, AC utility, and battery power source to supply continuous power
- Overload, short circuit and Deep discharge protection
- Cold start function
- WIFI/GPRS remote monitoring (optional)
- Support USB, RS458 monitoring function with free CD
- Compatible with generator





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INVERTER OUTPUT		SOLAR CHARGER & AC CHARGER	
Rated Power	24VDC / 3000VA /2400W	Max. PV Array Open Circuit Voltage	80VDC
Surge Power	6000VA	Standby Power Consumption	2W
AC Voltage Regulation (Batt. Mode)	220VAC - 240VAC	PV Input power Power	3000W
Inverter Efficiency (Peak)	>93%	(PWM) Max. Solar Charge Current	50A
Transfer Time	10ms(FST,APL) 20 ms (SLO)	Max. AC Charge Current	20A or 30A
		Max. Charge Current	80A
AC INPUT		MECHANICAL SPECIFICATIONS	
Voltage	230VAC	Dimension (W*H*D)	272*355*100mm
Selectable Voltage Range	170-280VAC (FST) 90-280VAC (SLO) 184-253VAC (APL)	Packaging Dimensions (W*H*D)	465*373*231mm
Frequency Range	50Hz/60Hz (Auto sensing)	Nett Weight (kg)	7.8
		Gross Weight (kg)	10.3
BATTERY		OTHER	
Normal Voltage	24VDC	Humidity	5% to 95% Relative Humidity (Non-condensing)
Floating Charge Voltage	27VDC	Operating Temperature	0°C -55°C
Overcharge Protection	31VDC	Storage Temperature	-15°C -60°C

Output Protection
requires 16Amp Circuit Breaker

APPROXIMATE BACK-UP TIMETABLE

MODEL	LOAD (VA)	BACK UP TIME @24V 100Ah(min)	BACK UP TIME @24V 200Ah(min)
3KVA	300	449	1100
	1500	68	164
	3000	28	67



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