

OFF GRID SOLAR INVERTER 3KVA HIGH FREQUENCY

SYSV18-3K PK



FEATURES

- 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
- IP20 Rating

INVERTER OUTPUT	
Rated Power	24VDC / 3000VA / 3000W
Surge Power	6000VA
AC Voltage Regulation (Batt. Mode)	220VAC-240VAC
Inverter Efficiency (Peak)	>93%
Transfer Time	10ms (FST, APL) , 20ms (SLO)

AC CHARGER	
AC Input	230VAC / 50Hz / 17.7A
DC Output	27VDC 20A / 30A

BATTERY	
Normal Voltage	24VDC
Floating Charge Voltage	27VDC
Overcharge Protection	31VDC

SOLAR CHARGER	
Rated Current	50A
System Voltage	24VDA
Operating Voltage	30 - 32VDC
Max. Solar Voltage	70VDC
Max. Charge Current	80A

MECHANICAL SPECIFICATIONS	
Dimensions (W*H*D)	272*355*100mm
Packaging Dimensions (W*H*D)	465*373*231mm
Net Weight (kg)	7.8
Gross Weight (kg)	10.3

OTHER	
Humidity	5% to 95% Relativ Humidity (Non-condensing)
Operating Temperature	0°C -50°C
Storage Temperature	-15°C -60°C

Output Protection
requires 16Amp Circuit Breaker

APPROXIMATE BACK-UP TIME TABLE

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

