



Green Sky series Solar Inverter

Product Characteristic

- High Efficiency/Energy Saving
- Low self-Consumption below 1.2A.It can reach zero at energy saving mode.
- Make sure the load capacity is above 200W.or the inverter can not be restarted automatically
- Leading energy saving technology
- With the AVR function.AC voltage fluctuated is within $\pm 5\%$
- Pure sine wave
- Extreme overload capacity and super load capacity
- Working Appliance:Air-conditioners.refrigerators.water pumps.TV.Light.fans and other household appliances and office appliances etc.
- Durable LF transformer technology design.it is suitable for the poor working conditions or where the grid power is not stable
- DC reverse polarity protection

Performance Characteristic

- CPU Technology control
- Intelligent LED display:Grid power.battery.AC output.Fault.Saving.Low voltage..Battery capacity.
- Intelligent battery management for maximum battery life
- 220V/110V AC 50/60Hz is optional
- It can work with the generator
- Intelligent fan control mode.The fan work at Temperature $\geq 30^{\circ}\text{C}$.the inverter will protect by itself at temperature $\geq 100^{\circ}\text{C}$

LCD Display Data

Input/Output voltage	Output Power	Battery Voltage	Energy saving
Language	Version	Charging voltage	Battery Capacity
Chinese/English/French/Russian	setting	setting	Battery type setting

Communication Data

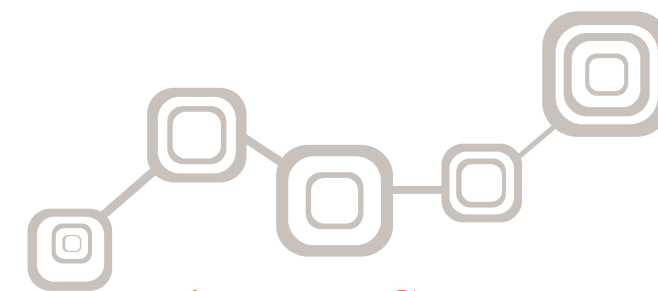
Current	Rated power of load	Input/output voltage	Frequency
Battery capacity	Temperature	Remote control operation	Record of history data





Technical Data GreenSky

AC output Load	Greensky 500W	Greensky 800W
Nominal AC voltage	220V/200-240V	220V/200-240V
Optional 220V/120V	120V/105V-132V	120V/105V-132V
Nominal AC frequency	50Hz/60Hz	50Hz/60Hz
Continuous AC power for 3 hours 25°C	500W	800W
Continuous AC power 25°C	500W	800W
Nominal AC current/ Max.AC current(peak)	2.28A/6.81A 1ms	3.63A/10.9A 1ms
	4.15A/12.5A 1ms	6.66A/20A 1ms
THD output voltage	≤3%	≤3%
Power Factor	1.0	1.0
Battery DC input		
Battery voltage/range	12V/10-16V	12V/10-16V
Optional	24V/20-32V	24V/20-32V
	48V/40-64V	48V/40-64V
Battery type/Battery Capacity	Lead acid 100-1000Ah	Lead acid 100-1000Ah
Efficiency/Self-consumption		
Max. efficiency	>90%	>90%
Self-consumption with no load	0.5A	0.6A
Self-consumption with no load /standby/for LCD type only	0.1A	0.1A
Full intellectual protection	Over voltage/AC short circuit/overload/battery discharge voltage/battery over voltage/overtemperature/over current/overheat protection/ dc polarity label	
Dimension(L×W×H)	350×160×290mm	350×160×290mm
Net Weight KG	15	17
Operating temperature range	0°C ~ 45°C	0°C ~ 45°C
Degree of protection according to IEC60529	IP20	IP20
Noise emission typical	≤30dB (1M)	≤30dB (1M)
Permissible value for relative humidity	0% ~ 95%	0% ~ 95%
Accessories		
DC terminal	Anderson connector	Anderson connector
AC terminal	Europe terminal	Europe terminal
Warranty	2year	2year
Certificate	CE/ISO9001	CE/ISO9001
Instruction Manual	yes	yes
Optional Function		
Battery Cable	Optional	Optional
Interface USB/RS232	Optional	Optional
SNMP Card	Optional	Optional
Software CD	Optional	Optional
Internet monitor	Optional	Optional
Remoted control	Optional	Optional
DC reverse polarity protection	Optional	Optional
Automatically restart after cut off	Optional	Optional
Split phase 220V/110V±5%:output	Optional	Optional
Alarm at inverter mode/silence	Optional	Optional
LCD Display	Optional	Optional

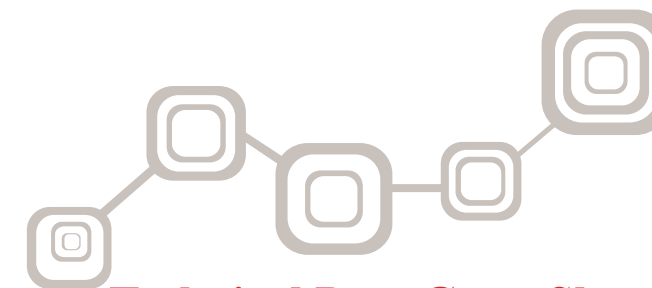


Technical Data GreenSky

AC output Load	Green Sky 1000W	Green Sky 1500W	Green Sky 2000W
Nominal AC voltage	220V/200-240V	220V/200-240V	220V/200-240V
Optional 220V/120V	120V/105V-132V	120V/105V-132V	120V/105V-132V
Nominal AC frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Continuous AC power for 3 hours 25°C	1050W	1500W	2100W
Continuous AC power 25°C	1000W	1500W	2000W
Nominal AC current/ Max.AC current(peak)	4.55A/13.63A 1ms	6.85A/20.45A 1ms	9.10A/27.28 1ms
	8.34A/24.9A 1ms	12.50A/37.55A 1ms	16.67A/50A 1ms
THD output voltage	≤3%	≤3%	≤3%
Power Factor	1.0	1.0	1.0
Battery DC input			
Battery voltage/range	12V/10-16V	12V/10-16V	12V/10-16V
Optional	24V/20-32V	24V/20-32V	24V/20-32V
	48V/40-64V	48V/40-64V	48V/40-64V
Battery type/Battery Capacity	Lead acid 100-1000Ah	Lead acid 100-1000Ah	Lead acid 100-1000Ah
Efficiency/Self-consumption			
Max. efficiency	>90%	>90%	>90%
Self-consumption with no load	12W	15W	20W
Self-consumption with no load /standby/for LCD type only	5W	5W	5W
Full intellectual protection	Over voltage/AC short circuit/overload/battery discharge voltage/battery over voltage/overtemperature/over current/overheat protection/ dc polarity label		
Dimension(L×W×H)	490×255×200	490×255×200	490×255×200
Net Weight KG	25	27	29
Operating temperature range	0°C ~ 45°C	0°C ~ 45°C	0°C ~ 45°C
Degree of protection according to IEC60529	IP20	IP20	IP20
Noise emission typical	≤30dB (1M)	≤30dB (1M)	≤30dB (1M)
Permissible value for relative humidity	0% ~ 95%	0% ~ 95%	0% ~ 95%
Accessories			
DC terminal	Anderson connector	Anderson connector	Anderson connector
AC terminal	Europe terminal	Europe terminal	Europe terminal
Warranty	2year	2year	2year
Certificate	CE/ISO9001	CE/ISO9001	CE/ISO9001
Instruction Manual	yes	yes	yes
Optional Function			
Battery Cable	Optional	Optional	Optional
Interface USB/RS232	Optional	Optional	Optional
SNMP Card	Optional	Optional	Optional
Software CD	Optional	Optional	Optional
Internet monitor	Optional	Optional	Optional
Remoted control	Optional	Optional	Optional
DC reverse polarity protection	Optional	Optional	Optional
Automatically restart after cut off	Optional	Optional	Optional
Split phase 220V/110V±5%:output	Optional	Optional	Optional
Alarm at inverter mode/silence	Optional	Optional	Optional
LCD Display	Optional	Optional	Optional

Technical Data GREENSKY

AC output Load	Green Sky 3000W	Green Sky 4000W
Nominal AC voltage	220V/200-240V	220V/200-240V
Optional 220V/120V	120V/105V-132V	120V/105V-132V
Nominal AC frequency	50Hz/60Hz	50Hz/60Hz
Continuous AC power for 3 hours 25°C	3000W	4200W
Continuous AC power 25°C	3000W	4000W
Nominal AC current/ Max.AC current(peak)	13.64A/40.91A 1ms 25.0A/75.0A 1ms	18.55A/54.63A 1ms 33.33A/99.99A 1ms
THD output voltage	≤3%	≤3%
Power Factor	1.0	1.0
Battery DC input		
Battery voltage/range	12V/10-16V	24V/20-32V
Optional	24V/20-32V 48V/40-64V	48V/40-64V
Battery type/Battery Capacity	Lead acid 100-1000Ah	Lead acid 100-1000Ah
Efficiency/Self-consumption		
Max. efficiency	>90%	>90%
Self-consumption with no load	35W	42W
Self-consumption with no load /standby/for LCD type only	5W	5W
Full intellectual protection	Over voltage/AC short circuit/overload/battery discharge voltage/battery over voltage/overtemperature/over current/overheat protection/ dc polarity label	
Dimension(L×W×H) mm	575×255×200	575×255×200
Net Weight KG	32	34
Operating temperature range	20°C ~ 45°C	20°C ~ 40°C
Degree of protection according to IEC60529	IP20	IP20
Noise emission typical	≤30dB (1M)	≤30dB (1M)
Permissible value for relative humidity	0% ~ 95%	0% ~ 95%
Accessories		
DC terminal	Anderson connector	Anderson connector
AC terminal	Europe terminal	Europe terminal
Warranty	2year	2year
Certificate	CE/ISO9001	CE/ISO9001
Instruction Manual	yes	yes
Optional Function		
Battery Cable	Optional	Optional
Interface USB/RS232	Optional	Optional
SNMP Card	Optional	Optional
Software CD	Optional	Optional
Internet monitor	Optional	Optional
Remoted control	Optional	Optional
DC reverse polarity protection	Optional	Optional
Automatically restart after cut off	Optional	Optional
Split phase 220V/110V±5%:output	Optional	Optional
Alarm at inverter mode/silence	Optional	Optional
LCD Display	Optional	Optional



Technical Data GreenSky

AC output Load	Greek Sky 5000W	Greek Sky 6000W
Nominal AC voltage	220V/200-240V	220V/200-240V
Optional 220V/120V	120V/105V-132V	120V/105V-132V
Nominal AC frequency	50Hz/60Hz	50Hz/60Hz
Continuous AC power for 3 hours 25°C	5000W	6000W
Continuous AC power 25°C	5000W	6000W
Nominal AC current/ Max.AC current(peak)	22.78A/68.18A 1ms 41.67A/125.00A 1ms	27.28A/81.81 1ms 50A/150A 1ms
THD output voltage	≤3%	≤3%
Power Factor	1.0	1.0
Battery DC input		
Battery voltage/range	48V/40-64V	48V/40-64V
Optional		
Battery type/Battery Capacity	Lead acid 100-1000Ah	Lead acid 100-1000Ah
Charge control mode	Lead acid 100-1000Ah	Lead acid 100-1000Ah
Efficiency/Self-consumption		
Max. efficiency	>90%	>90%
Self-consumption with no load	45W	50W
Self-consumption with no load /standby/for LCD type only	5W	5W
Full intellectual protection	Over voltage/AC short circuit/overload/battery discharge voltage/battery over voltage/overtemperature/over current/overheat protection/ dc polarity label	
Dimension(L×W×H) mm	435×270×420	435×270×420
Net Weight KG	40	42
Operating temperature range	0°C ~ 45°C	20°C ~ 45°C
Degree of protection according to IEC60529	IP20	IP20
Noise emission typical	≤30dB (1M)	≤30dB (1M)
Permissible value for relative humidity	0% ~ 95%	0% ~ 95%
Accessories		
DC terminal	Anderson connector	Anderson connector
AC terminal	Europe terminal	Europe terminal
Warranty	2year	2year
Certificate	CE/ISO9001	CE/ISO9001
Instruction Manual	yes	yes
Optional Function		
Battery Cable	Optional	Optional
Interface USB/RS232	Optional	Optional
SNMP Card	Optional	Optional
Software CD	Optional	Optional
Internet monitor	Optional	Optional
Remoted control	Optional	Optional
DC reverse polarity protection	Optional	Optional
Automatically restart after cut off	Optional	Optional
Split phase 220V/110V±5%:output	Optional	Optional
Alarm at inverter mode/silence	Optional	Optional
LCD Display	Optional	Optional