



SUMRY

- PORTABLE POWER STATION
- SPLAR CHARGE CONTROLLER
- SOLAR INVERTER
- CAR INVERTER
- INVERTER
- BATTERY



SUMRY

三美瑞专业家用逆变器，让生活更美好
Sumray professional household inverter, make life better.



深圳市三美瑞电子有限公司

Sumry Tech Ltd.



TABLA OF CONTENTS

COMPANY CULTURE.....	6
RP SERIES.....	7
RP-AVR SERIES.....	11
RP-MS SERIES.....	13
AVIV +SCC SERIES.....	15
AVIV SERIES.....	17
AVIV +MPPT SERIES.....	19
MPS-V SERIES.....	21
MPS-V-PLUS SERIES.....	23
MPS-V II SERIES.....	25
HMS SERIES.....	27
HPS SERIES.....	29
HGS SERIES.....	31
HGP SERIES.....	33
SF SERIES.....	35
SR SERIES.....	37
ES SERIES.....	39
SAK SERIES.....	41
LITHIUM BATTERY.....	43
SALES NETWORK.....	45
SERVICE SYSTEM.....	47



三美瑞专业家用逆变器，让生活更美好
Sumray professional household inverter, make life better.

Energy Is Depleting

能源正在走向枯竭

三美瑞专业家用逆变器，让生活更美好
Sumry professional household inverter, make life better.

SUMRY

Sumry Tech Ltd.



在当今的世界能源结构中，人类所利用的能源主要是石油、天然气和煤炭等化石能源。根据目前国际上通行的能源预测，石油资源将在40年内枯竭，天然气资源将在60年内用光，煤炭资源也只能使用220年。因此，人类必须未雨绸缪，及早寻求新的替代能源。

In today's world energy structure, the energy used by mankind is mainly fossil energy such as oil, natural gas and coal. According to current international energy forecasts, oil resources will be exhausted in 40 years, natural gas resources will be used up in 60 years, and coal resources will only be used for 220 years. Therefore, mankind must plan ahead and seek new alternative energy sources as soon as possible.

New Energy Is The Cornerstone Of future Energy

能源正在走向枯竭

三美瑞专业家用逆变器，让生活更美好
Sumry professional household inverter, make life better.

SUMRY

Sumry Tech Ltd.



研究和实践表明，新能源资源丰富、分布广泛、可以再生、不污染环境，是国际社会公认的理想替代能源。根据国际权威单位的预测，到21世纪60年代，即2060年，全球新能源的比例，将会发展到占世界能源构成的50%以上，成为人类社会未来能源的基石，世界能源舞台的主角。

Research and practice have shown that new energy resources are abundant, widely distributed, renewable, and do not pollute the environment. It is an ideal alternative energy recognized by the international community. According to the forecasts of international authoritative organizations, by the 2060s, the proportion of global new energy will grow to account for more than 50% of the world's energy composition, becoming the cornerstone of future energy for human society and the protagonist of the world's energy stage.

New energy solves power supply problems

新能源解决供电问题

三美瑞专业家用逆变器，让生活更美好
Sumry professional household inverter, make life better.

SUMRY

Sumry Tech Ltd.

迄今为止，全球还有20多亿人口尚未用上电，由于无电，这些人大多仍然过着贫困落后、日出而作、日落而息、远离现代文明的生活。这些地方，缺乏常规能源资源，但自然能源资源丰富，人口稀少，并且用电负荷不大，因而发展新能源是解决其供电问题的重要途径。

So far, there are more than 2 billion people in the world who have not yet used electricity. Because of the lack of electricity, most of them still live in poverty and backwardness, work at sunrise, rest at sunset and live far away from modern civilization. These places are short of conventional energy resources, but they are rich in natural energy resources, sparsely populated, and have little power load. Therefore, the development of new energy is an important way to solve power supply problems.



New energy is widely used

新能源应用广泛

三美瑞专业家用逆变器，让生活更美好
Sumry professional household inverter, make life better.

SUMRY

Sumry Tech Ltd.

新能源具备先进、安全、可靠和经济等特点，在交通运输、家用电器、户外照明、通讯、医疗、安防、发电、农业等领域被广泛应用。

New energy has advanced, safe, reliable and economic characteristics. It is widely used in transportation, household appliances, outdoor lighting, communication, medical treatment, security, power generation, agriculture and other fields.



Company Introduction

公司简介

三美瑞专业家用逆变器，让生活更美好
Sumry professional household inverter, make life better.

SUMRY

Sumry Tech Ltd.



深圳市三美瑞电子有限公司是一家专业从事逆变器、太阳能控制器、便携式UPS、锂电池及相关电源产品的研发、生产、销售、服务于一体的高新技术企业，公司拥有多年电源产品的研发和设计经验，深耕电力电子变换和控制领域，致力于为客户打造安全高效的清洁能源。公司秉承“为全球能源事业提供系统解决方案”的企业使命，为全球用户提供优质电源产品及系统解决方案。目前，三美瑞积极与国内外客户展开紧密合作，业务遍布东南亚、中东、南美、欧洲、非洲等50多个国家和地区，推动了清洁能源在全球范围的广泛应用。

Sumry Tech Ltd. is a high-tech enterprise specializing in the R &D, production, sales and service of inverter, solar controller, portable UPS, lithium battery and related power supply products. The company has many years of experience in R &D and design of power supply products, deeply ploughs in the field of power electronic conversion and control, and is committed to creating a safe and efficient clean environment for customers Energy.

Adhering to the corporate mission of "providing system solutions for global energy industry", the company provides high-quality power products and system solutions for global users. At present, Sumray actively cooperates with customers at home and abroad, and its business covers more than 50 countries and regions such as Southeast Asia, the Middle East, South America, Europe and Africa, which promotes the wide application of clean energy in the world.

Company culture

企业文化

三美瑞专业家用逆变器，让生活更美好
Sumry professional household inverter, make life better.

SUMRY

Sumry Tech Ltd.

Solar Energy



愿景	成为家用逆变器领域全球最信赖企业 2026年成为家用逆变器第一品牌
使命	以科技和创新助力全球能源事业,追求全体员工物质和精神幸福
价值观	客户第一、团队第一、诚信、激情、创新
工作作风	雷厉风行、真抓实干

vision

To become the world's most reliable company in the field of home inverters.
To make "Sumry" as No.1 brand in China within 2026.

mission

Contribute to global development of green energy with technology and innovation, and pursue the employees' happiness of both material and spirit.

Values

customer first, team first, integrity, passion, innovation

Working attitude

work vigorously like thunder and quickly like wind,
be realistic and pragmatic, and work diligently.



»» Features:

- Pure sine wave inverter
- Output power factor 1
- Selectable high power charging current
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/battery input priority via LCD setting
- Compatible with generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- Color LCD display
- Supports the use lithium batteries
- Smart fan running control to extend service life and reduce noise
- Supports the use lithium batteries
- Wave by wave phase detection, more stable and reliable
- RS232 communicate port and remote control panel optional



RP SERIES

电源逆变器 Power Inverter
RP 1K-6K 1000W-6000W
SUMRY
 Sumry Tech Ltd.

»» Product Data Sheet

MODEL	RP 1000	RP 2000	RP 3000	RP 4000	RP 5000	RP 6000
Rated Power	1000W	2000W	3000W	4000W	5000W	6000W
INPUT						
Voltage	100/110/120Vac;220/230/240Vac					
Selectable Voltage Range	Wide Range :75vac~138Vac ;155Vac~275Vac(for home appliances) Narrow Range :82Vac~138Vac ;165Vac~275Vac(for personal computer)					
Frequency	40-70Hz (50Hz/60Hz)		100/110/120Vac(±5V);220/230/240Vac(±10V)			
OUTPUT						
AC Voltage Regulation(Batt Mode)	100/110/120Vac(±5V);220/230/240Vac(±10V)					
Surge Power	2000VA	4000VA	9000VA	12000VA	15000VA	18000VA
Efficiency(Peak)	88%		91%			
Transfer Time	< 20ms		< 10ms			
Waveform	Pure sine wave					
BATTERY						
Battery Voltage	12V	24V	12V/24V/48V	24V/48V	24V/48V	24V/48V
Charge Current	35A	35A	75A/50A/25A	70A/35A	75A/45A	75A/50A
Fast Charge Voltage	14.3VDC for 12V (*2 for 24V,*4 for 48V)					
Float Charge Voltage	13.7VDC for 12V (*2 for 24V,*4 for 48V)					
Battery Low Voltage Alarm	16.5VDC for 12V (*2 for 24V,*4 for 48V)					
Over Voltage Protect	10.5VDC for 12V (*2 for 24V,*4 for 48V)					
Battery Low Voltage Shutdown	10.0VDC for 12V (*2 for 24V,*4 for 48V)					
Protection	Over charging,over temp,over battery voltage,over load,short-circuit					
Operating Enviroment Temperature	55°C					
Cooling	Intelligent Fan					
Display	LCD					
Specification Setting	By LCD or position machine: Charging current,battery type,input voltage,output frequency,wide and narrow of AC input voltage,power-saver model,AC priority or battery priority					
PHYSICAL						
Dimension,(D*W*H)mm	390*221.6*178.5		495*257*192		607*345*198	
Net Weight (kgs)	11.4	15	25.2/24.6	34.4/33.8	37.9/38.2	41.6/40.5
ENVIROMENT						
Humidity	5~95% Relative humidity (No-condensing)					
Operating Temperature	-10~50°C					
Storage Temperature	-10~60°C					



RP SERIES

电源逆变器 Power Inverter
RP 8K-12K 8000W-12000W

SUMRY
Sumry Tech Ltd.



»» Product Data Sheet

MODEL	RP 8000		RP 10000		RP 12000	
Rated Power	8000W		10000W		12000W	
INPUT						
Voltage	100/110/120Vac;220/230/240Vac					
Selectable Voltage Range	Wide Range :75vac~138Vac ;155Vac~275Vac(for home appliances) Narrow Range :82Vac~138Vac ;165Vac~275Vac(for personal computer)					
Frequency	40-70Hz (50Hz/60Hz)					
OUTPUT						
AC Voltage Regulation(Batt Mode)	100/110/120Vac;220/230/240Vac(±10V)					
Surge Power	24KVA		30KVA		36KVA	
Efficiency(Peak)	90%					
Transfer Time	< 20ms					
Waveform	Pure sine wave					
BATTERY						
Battery Voltage	48V	96V	48V	96V	48V	96V
Charge Current	70A	35A	75A	40A	75A	50A
Fast Charge Voltage	57.2VDC for 48V (*2 for 96V)					
Float Charge Voltage	54.8VDC for 48V (*2 for 96V)					
Battery Low Voltage Alarm	42.0VDC for 48V (*2 for 96V)					
Over Voltage Protect	66.0VDC for 48V (*2 for 96V)					
Battery Low Voltage Shutdown	40.0VDC for 48V (*2 for 96V)					
Protection	Over charging,over temp,over battery voltage,over load,short-circuit					
Operating Enviroment Temperature	55°C					
Cooling	Intelligent Fan					
Display	LCD					
Specification Setting	By LCD or position machine: Charging current,battery type,input voltage,output frequency,wide and narrow of AC input voltage,power-saver model,AC priority or battery priority					
PHYSICAL						
Dimension,(D*W*H)mm			610*450*201			
Net Weight (kgs)	58.7/59		67/66.5		71.8/72	
ENVIROMENT						
Humidity	5~95% Relative humidity (No-condensing)					
Operating Temperature	-10~50°C					
Storage Temperature	-10~60°C					

»» Features:

- Pure sine wave inverter
- Output power factor 1
- Selectable high power charging current
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/battery input priority via LCD setting
- Compatible with generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- Color LCD display
- Supports the use lithium batteries
- Smart fan running control to extend service life and reduce noise
- Supports the use lithium batteries
- Wave by wave phase detection, more stable and reliable
- RS232 communicate port and remote control panel optional



»» Features:

- Pure sine wave inverter
- output power factor 1
- It has automatic voltage regulator (AVR), providing wide and stable AC range
- Selectable high power charging current
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Battery input priority via LCD setting Configurable power saving mode via LCD setting
- Compatible with generator power
- Dry contact port for generator to realize mutual control by generator and utility
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Smart fan running control to extend service life and reduce noise color LCD display
- Supports the use lithium batteries
- RS232 communicate port and remote control panel optional



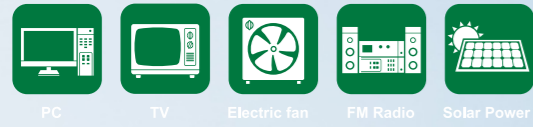
RP-AVR SERIES

电源逆变器 Power Inverter
RP-AVR 3000W-6000W
SUMRY
 Sumry Tech Ltd.



»» Product Data Sheet

Model	3012E	3024E	3048E	4024E	4048E	5024E	5048E	6024E	6048E
Rated power		3000W		4000W		5000W		6000W	
Input									
Voltage	200Vac/210Vac/220Vac/230Vac/240Vac								
AVR input voltage range	-30%~+20%								
Voltage	100Vac/105Vac/110Vac/115Vac/120Vac								
AVR input voltage range	-30%~+20%								
Frequency range	40~90Hz								
Efficiency	>95% , AVR mode > 92%								
Output									
voltage	100Vac/105Vac/110Vac/115Vac/120Vac ;200Vac/210Vac/220Vac/230Vac/240Vac								
AVR output voltage range	output voltage ±10%								
Surge power	9000VA		12000VA		15000VA		18000VA		
Efficiency (peak)	91%								
Transfer time	<10ms								
Waveform	Pure sine wave								
Battery									
Battery voltage	12	24	48	24	48	24	48	24	48
Charge current	75A	50A	25A	70A	35A	75A	45A	75A	50A
Over voltage protection	16. 5Vdcfor 12Vdc (*2for 24Vdc; *4 for 48Vdc)								
Battery low voltage alarm	10. 5Vdcfor 12Vdc (*2for 24Vdc; *4 for 48Vdc)								
Battery low voltage shutdown	10Vdc for 12Vdc (*2for 24Vdc; *4 for 49Vdc)								
Protecting&port									
Protection	Over charging, over temp, over battery voltage, over load, short-circuit								
Communication interface	1. LCDremote control 2. LEDremote control								
Cooling	Intelligent fan								
Display	Color LCD								
Specification setting	By LCD or Position Machine: ChargingCurrent, Battery Type, Input Voltage, Output Frequency, Wide andNarrow range of AC input voltage, Power-saver Model, AC Priority or Battery Priority;								
Physical									
Dimension, DxWxH (mm)	500*258*190				574*345*197				
Net weight (kgs)	25. 2		34. 4		38. 2		41. 6		
Environment									
Humidity	5-95% Relative Humidity (Non-condensing)								
Operating temperature	-15°C to 60°C								
Storage temperature	-15°C to 60°C								



»» Features:

- Built-in MPPT solar charge controller
- Pure sine wave inverter
- Selectable high power charging current
- Selectable input voltage range
- Configurable AC/Battery input priority via LCD setting
- Compatible with generator power
- Auto Restart while AC is recovering
- Overload and short circuit protection
- Color LCD display
- Support Lithium Battery



RP-MS SERIES

离网太阳能逆变器 Off Grid Solar Inverter

RP-MS 1000W-6000W

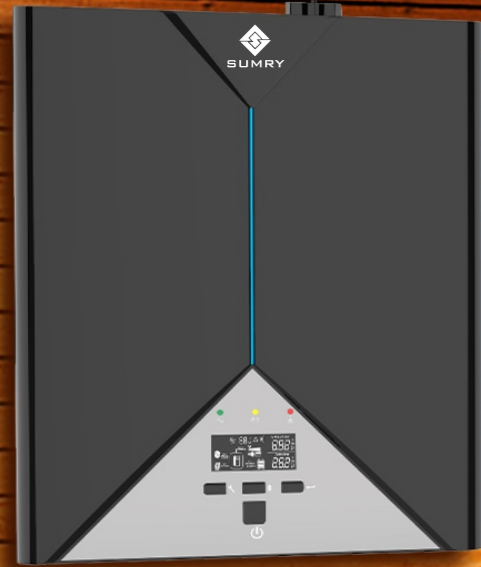
SUMRY

Sumry Tech Ltd.



»» Product Data Sheet

MODEL	1012E	1024E	2012E	2024E	2048E	3012E	3024E	3048E	4024E	4048E	5024E	5048E	6024E	6048E
Rated Power	1000W		2000W			3000W			4000W		5000W		6000W	
INPUT														
Voltage	100/110/120VAC;220/230/240VAC													
Selectable Voltage Range	Wide Range: 75VAC-138VAC;155VAC-275VAC(for home appliances) Narrow Range: 82VAC-138VAC;165VAC-275VAC(for personal computer)													
Frequency Range	40Hz-70Hz (50Hz/60Hz)													
OUTPUT														
AC Voltage Regulation (Batt. Mode)	100/110/120VAC;220/230/240VAC													
Surge power	3000VA		6000VA			9000VA			12000VA		15000VA		18000VA	
Efficiency(Peak)	88%													
Transfer Time	< 10ms													
Wave form	Pure Sine Wave													
BATTERY & AC CHARGER														
Battery Voltage	12V	24V	12V	24V	48V	12V	24V	48V	24V	48V	24V	48V	24V	48V
Charge Current	35A	15A	65A	35A	15A	75A	50A	25A	70A	35A	75A	45A	75A	50A
Battery Voltage Range	For 12V:10VDC~16VDC±0. 3VDC/*2 for 24VDC/*4 for 48VDC													
Battery Low Voltage Alarm	For 12V:10.5VDC±0. 3VDC/*2 for 24VDC/*4 for 48VDC													
Battery Low Voltage Shutdown	For 12V:10VDC±0. 3VDC/*2 for 24VDC/*4 for 48VDC													
SOLAR CHARGER														
Charge voltage	12V:16V~150V; 24:28V~150V; 48V;52V~150V													
Over-voltage protection	156V±3V													
Over-voltage returnn voltage	150V±3V													
Max.PV input power	For 12V:1200W; For 24V:2400W; For 48V:4800W;													
Max.Charging current	80A±5A													
Battery ripple voltage	<1%													
PHYSICAL														
Dimension.D*W*H(mm)	460*350*191mm										574*385*238mm			
OPERATING ENVIRONMENT														
Humidity	5% to 95% Relative Humidity(Non-condensing)													
Operating Temperature	-10°C to 50°C													
Storage Temperature	-15°C to 60°C													



AVIV + SCC SERIES

离网太阳能逆变器 Off Grid Solar Inverter

AVIV 800W-1800W

SUMRY

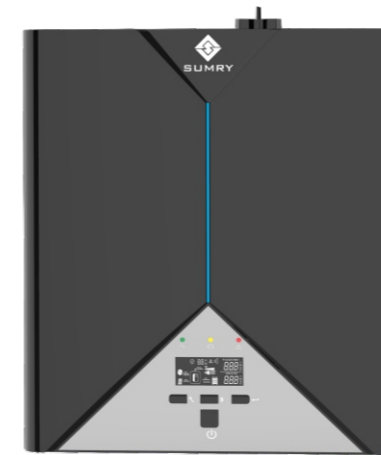
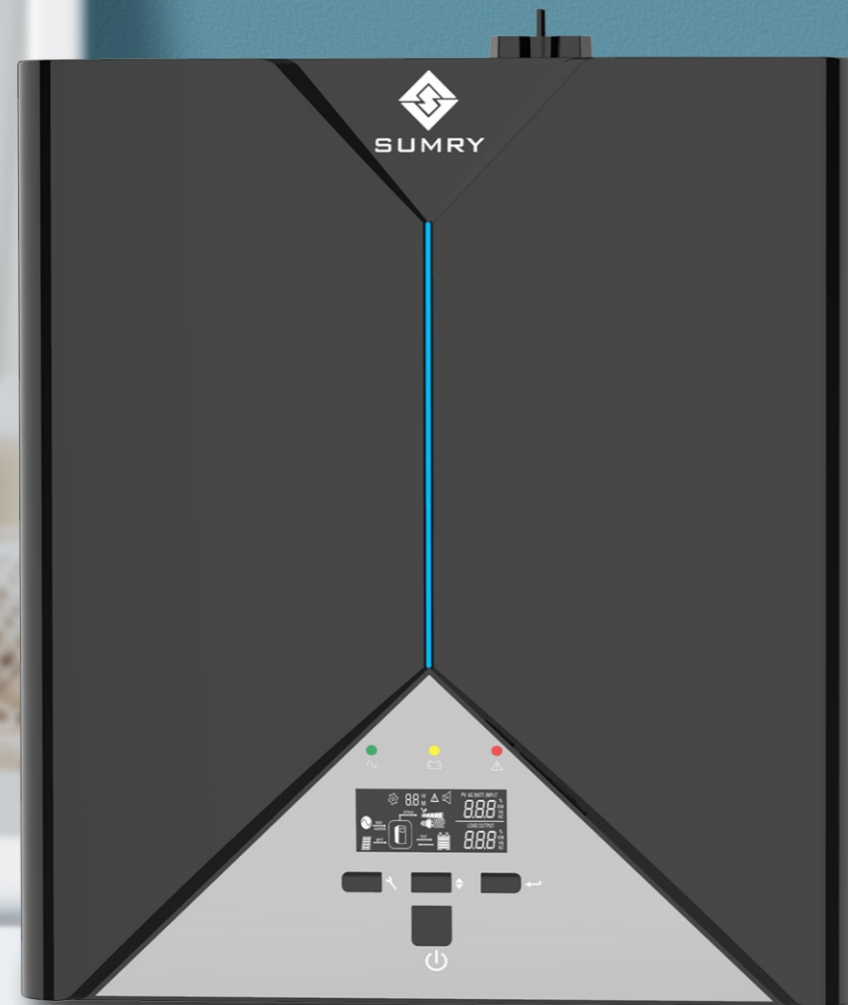
Sumry Tech Ltd.

Product Data Sheet

MODEL	AVIV-1011SCC	AVIV-1211SCC	AVIV-2011SCC	AVIV-2211SCC
Rated Power	1000VA/800W	1200VA/1000W	2000VA/1600W	2200VA/1800W
Nominal Battery Voltage	12VDC		24VDC	
INPUT				
Nominal Voltage	220/230/240VAC			
Voltage Range	170-280VAC(Narrow range); 90-280VAC(Wide range)			
Normal Frequency	50Hz or 60Hz			
OUTPUT				
Voltage	230VAC			
Frequency	Following the utility			
Output Waveform	Following the utility			
EFFICIENCY	> 95%			
TRANSFER TIME				
Typical	> 15ms typical, 40ms Max			
BACKUP MODE(OUTPUT)				
Voltage	230VAC(+10%-18%)			
Frequency	50Hz or 60Hz(Auto detection)			
Output Waveform	Modified Sine Wave			
EFFICIENCY	> 80%			
PROTECTION				
Overload Protection	1min@ > 110%, 20s@ > 120%, 0s@ > 150%			
Protection	Discharge, overcharge, overload, overtemperature and short circuit protection			
BATTERY&CHARGER(powered by AC)				
Charging algorithm	3-step charging			
AC Charging Mode	0A/5A/10A/15A/20A selectable		0A/5A/10A/15A/20A selectable	
Floating Charging Voltage	13.7V		27.4V	
Overcharge Voltage	16V		32V	
SOLAR BATTERY CHARGER				
MAX. PV Panel array power	900W	1050W	1500W	1750W
MAX. PV Mode power Rating to Support Load	500W	600W	1000W	1200W
MAX. Charging Current	50Amp	60Amp	50Amp	60Amp
Normal Battery Voltage	12V		24V	
Operating Voltage Range	16V~18V		32V~36V	
MAX. PV Input Voltage	55V			
MAX. PV Input Current	65Amp			
PHYSICAL				
Dimension. D*W*H(mm)	280*250*95mm			
Net Weight (kgs)	2.16Kg	2.46Kg	2.38Kg	2.38Kg
ENVIRONMENT				
Operating Temperature	0-15°C, 5%-90% relative humidity(non-condensing)			
Storage Temperature	-15-55°C, 5%-95% humidity(non-condensing)			
Noise Level	Less than 50dB			

Features:

- Automatic line-to-battery switch over
- Built-in enhanced AC charger
- Built-in solar charger controller
- Configurable output source priority, charger source priority, charger current and so on
- Intelligent 3-stage charger control for efficient charging and preventing over charge
- Auto restart upon AC recovery
- User-friendly LCD and LED indications with setting function
- Smart temperature compensation technology to extend battery life



AVIV SERIES

家用逆变器 Home Inverter
AVIV 800W-1600W

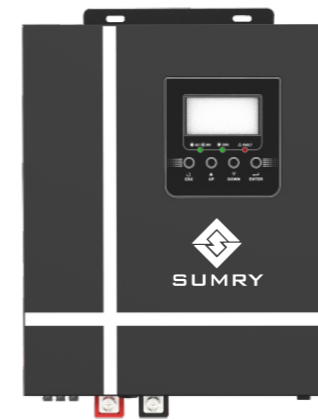
SUMRY
Sumry Tech Ltd.

»» Product Data Sheet

MODEL	AVIV-1004	AVIV-1204	AVIV-2004
Rated Power	1000VA/800W	1200VA/1000W	2000VA/1600W
INPUT			
Nominal Voltage	220/230/240VAC		
Voltage Range	170-280VAC(Narrow range); 90-280VAC(Wide range)		
OUTPUT			
Voltage	230VAC		
Voltage Regulation (Batt.Mode)	10%-18%		
Frequency	50Hz or 60Hz		
Frequency Regulation (Batt.Mode)	+/- 1Hz		
Output Waveform	Modified Sine Wave		
BATTERY&CHARGER			
Charge Current	20Amp		15Amp
Overcharge Protection	16V		32V
TRANSFER TIME			
Typical	15ms typical, 40ms MAX		
EFFICIENCY			
AC to DC	> 95%		
DC to AC	> 80%		
DISPLAY INDICATOR			
AC Mode	Display output power, output voltage		
Battery Mode	The mark "+/-" will flicker every 1s		
Battery Charging Mode	Display the battery capacity		
Fault	Display fault		
AUDIBLE ALARM			
Low Battery At Battery Mode	Sounding every 2s		
Overload	Sounding every 0.5s		
Fault	Continuously sounding		
PROTECTION			
Full Production	Discharge, over load, over temperature protection		
PHYSICAL			
Dimension.D*W*H(mm)	296.4mm*268.1mm*90.6mm		
Net Weight (kgs)	1.98Kg	2.29Kg	2.17Kg
ENVIRONMENT			
Operating Temperature	0-15°C, 5%-90% relative humidity(non-condensing)		
Storage Temperature	-15-55°C, 5%-95% humidity(non-condensing)		
Noise Level	Less than 50dB		

»» Features:

- Automatic line-to-battery switchover
- Configurable input voltage ranges via LCD setting
- Built-in enhanced charger
- Intelligent 3-stage charger control for efficient charging and preventing overcharge
- Auto restart while AC recovery
- User friendly LCD+LED indications



AVIV + MPPT/PWM SERIES

离网太阳能逆变器 Hybrid Solar Inverter
AVIV + MPPT/PWM 800W/1600W

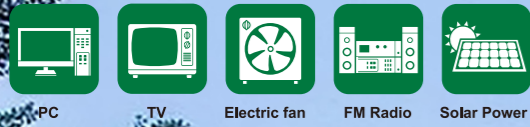
SUMRY
Sumry Tech Ltd.

»» Product Data Sheet

MODEL	1.2KVA	1.4KVA	2.4KVA	2.5KVA
Rated Power	800W	800W	1600W	1600W
INPUT				
Voltage	230VAC			
Selectable Voltage Range	90-280VAC			
Frequency Range	50Hz/60Hz (Auto sensing)			
OUTPUT				
AC Voltage Regulation (Batt.Mode)	230VAC±10%			
Overload (Line mode)	Load > 110% ± 15%,alarm 5 mins then fault if user decrease the load < 100% rating,the overload alarm can release.Load > 130% ± 15%, fault immediately.			
Efficiency(Peak)	82%			85%
Transfer Time	20ms			
Wave form	Simulated Sine Wave			
BATTERY				
Battery Voltage	12VDC		24VDC	
Floating Charge Voltage	13.7VDC ± 0.5VDC		27.4VDC ± 1VDC	
Overcharge Protection	15.0VDC ± 0.5VDC		30.0VDC ± 1VDC	
SOLAR CHARGER & AC CHARGER				
Solar Charger Type	PWM	MPPT	PWM	MPPT
Maximum PV Array Open Circuit Voltage	55VDC	100VDC	100VDC	100VDC
Maximum PV Array Power	600W	600W	1200W	1200W
MPPT Range @ Operating Voltage	16~18VDC	15~80VDC	32~36VDC	30~80VDC
Maximum Solar Charge Current	50A	50A	50A	50A
Maximum AC Charge Current	10A/20A	10A/20A	10A/15A	10A/15A
Maximum Charge Current	50A max	50A max	50A max	50A max
INDICATORS	AC Mode,Battery mode,Fault			
ALARM	Low Battery, Overload, Fault			
PHYSICAL				
Dimension.D*W*H(mm)	283*233*100mm			
Net Weight (kgs)	4.5kg			4.8kg
Communication Interface				
OPERATING ENVIRONMENT				
Humidity	0 to 90% Relative Humidity(Non-condensing)			
Operating Temperature	0°C to 40°C			
Storage Temperature	-15°C to 50°C			

»» Features:

- Simulated sine Wave inverter
- Built-in MPPT/PWM solar charge controller , Max charging current 50A
- Wide input voltage range
- 12VDC and 24VDC
- AC charging current up to 20A
- LCD display for comprehensive information
- First thermal protected simulated inverter
- Thermal protection sensor
- Configurable output source priority, charger source priority, charger current and so on



»» Features:

- High efficiency pure sine wave inverter (PF=1)
- Wide PV input range (120VDC-500VDC) 80A MPPT SCC; intelligent 3 stage 60A/80AAC charger
- Surges to 2X continuous power for 5 seconds for motor loads
- Intelligent functionality enables utility and solar input prioritization
- Wide utility input range (90VAC~280VAC) for unreliable grid even
- Field serviceable with replacement boards and spare parts
- Monitor, troubleshoot or communication with USB/RS232
- System configures quickly into compact, wall-mount-ed system
- Working without batteries in sun day
- WIFI/GPRS Monitoring function (optional)



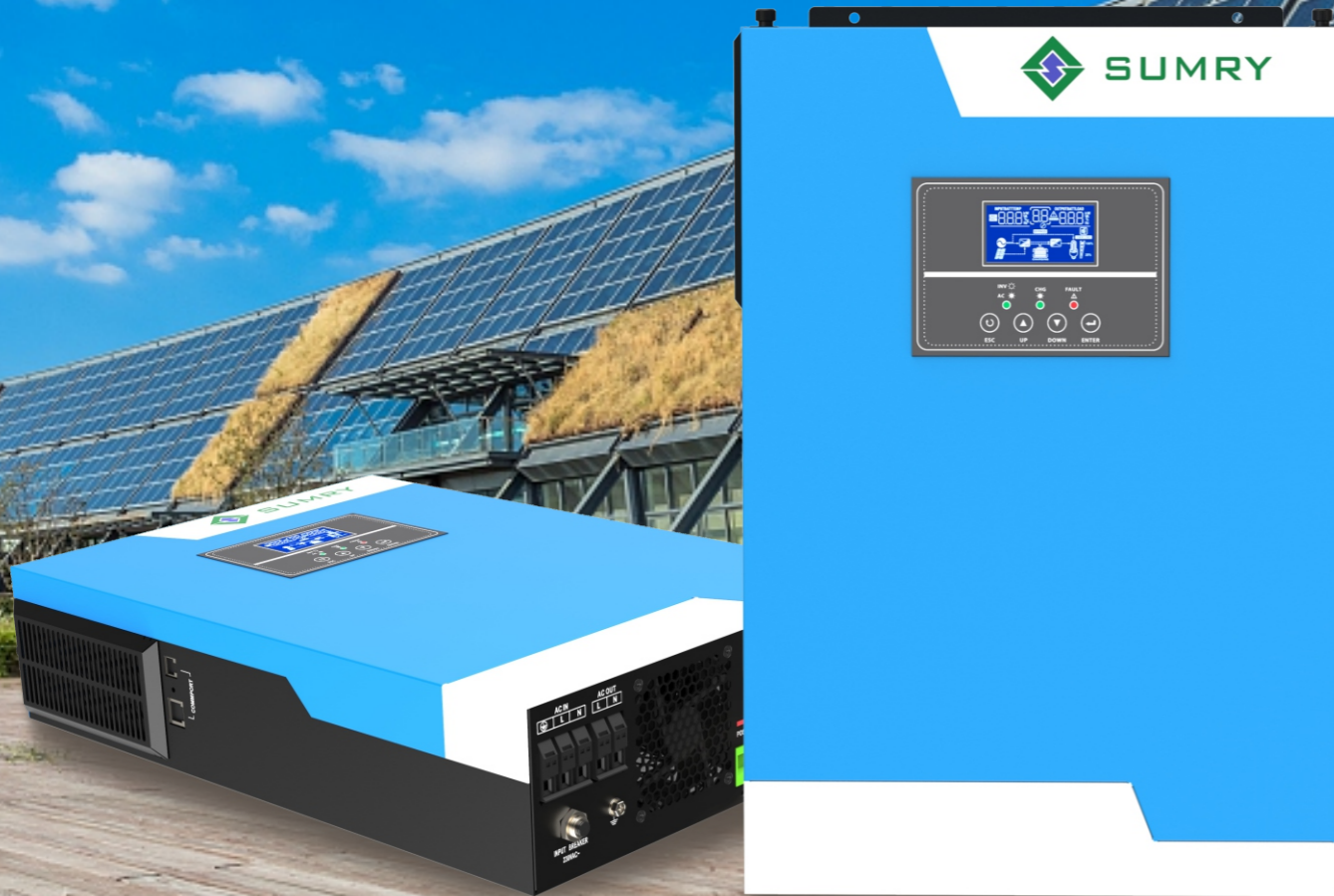
MPS-V SERIES

混合太阳能逆变器 Hybrid Solar Inverter
MPS-V 3200VA/3200W 5000VA/5000W

SUMRY
Sumry Tech Ltd.

»» Product Data Sheet

MODEL	MPS-V-3200-24	MPS-V-5000-48
Rated Power	3200VA/3200W	5000VA/5000W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230VAC±5%	
Surge power	6400VA	10000VA
Efficiency(Peak) PV to INV	97%	
Efficiency(Peak) BAT to INV	94%	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Wave form	Pure Sine Wave	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum charge current	80A	60A
SOLAR CHARGER		
MAX.PV Array Power	4000W(5000W Optional for 5KW model)	
MPPT Range@ Operating Voltage	120-450VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	80A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension.D*W*H(mm)	440*302*100	
Net Weight (kgs)	11kg	12kg
Communication Interface	WIFI/GPRS(Optional)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 60°C	



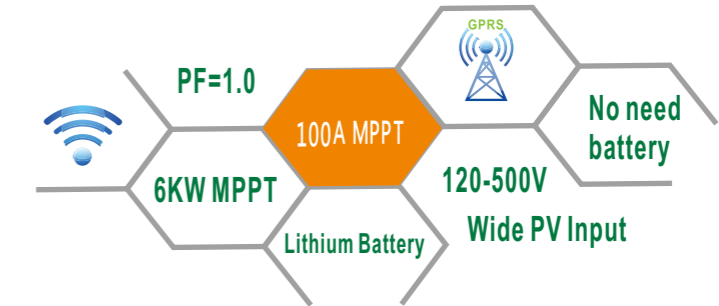
»» Features:

- Pure sine wave solar inverter
- Output power factor 1.0
- WIFI & GPRS available for IOS and android
- Inverter running without battery
- Built-in 100A MPPT solar charger
- High PV input voltage range(120~500VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life

MPS-V PLUS SERIES

混合太阳能逆变器 Hybrid Solar Inverter
MPS-V PLUS 3500VA/3500W 5500VA/5500W

SUMRY
Sumry Tech Ltd.



»» Product Data Sheet

MODEL	MPS-V 3500W-PLUS	MPS-V 5500W-PLUS
Rated Power	3500VA/3500W	5500VA/5500W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230VAC±5%	
Surge power	7000VA	11000VA
Efficiency(Peak) PV to INV	97%	
Efficiency(Peak) BAT to INV	94%	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Wave form	Pure Sine Wave	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum charge current	80A	80A
SOLAR CHARGER		
MAX.PV Array Power	5000W	6000W
MPPT Range@ Operating Voltage	120-450VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	100A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension.D*W*H(mm)	440*302*100	
Net Weight (kgs)	11kg	12kg
Communication Interface	USB/RS232(Standard) GPRS/WIFI(Optional)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 60°C	



MPS-V II SERIES

混合太阳能逆变器 Hybrid Solar Inverter
MPS-V II 3500VA/3500W 5500VA/5500W

SUMRY
Sumry Tech Ltd.



»» Product Data Sheet

MODEL	MPS-V II-3500W	MPS-V II-5500W
Rated Power	3500VA/3500W	5500VA/5500W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230VAC±5%	
Surge power	7000VA	11000VA
Efficiency(Peak) PV to INV	97%	
Efficiency(Peak) BAT to INV	94%	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Wave form	Pure Sine Wave	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum charge current	80A	80A
SOLAR CHARGER		
MAX.PV Array Power	5000W	6000W
MPPT Range@ Operating Voltage	120-450VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	100A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension.D*W*H(mm)	440*302*146	
Net Weight (kgs)	11kg	12kg
Communication Interface	REMOVE LCD/RS232(Standard) GPRS/WIFI(Optional)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 60°C	

»» Features:

- Pure sine wave solar inverter
- Output power factor 1.0
- WIFI & GPRS available for IOS and Android
- Inverter running without battery
- Built-in 100A MPPT solar charger
- High PV input voltage range(120~500VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- Remove LCD



HMS SERIES

离网太阳能逆变器 Off Grid Solar Inverter
HMS 1.5KVA/3KVA/5KVA

SUMRY
Sumry Tech Ltd.

»» Product Data Sheet

MODEL	HMS 1.5K-12	HMS 1.5K-24	HMS 3K-24	HMS 3K-48	HMS 5K-48
Rated Power	1500VA/1200W	1500VA/1200W	3000VA/2400W	3000VA/3000W	5000VA/4000W
INPUT					
Voltage	230VAC				
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)				
Frequency Range	50Hz/60Hz (Auto sensing)				
OUTPUT					
AC Voltage Regulation (Batt.Mode)	230VAC±5%				
Surge power	3000VA		6000VA		10000VA
Efficiency(Peak)	90%-93%		93%		93%
Transfer Time	10ms (for personal computers) 20ms (for home appliances)				
Wave form	Pure Sine Wave				
BATTERY					
Battery Voltage	12VDC	24VDC	24VDC	48VDC	48VDC
Floating Charge Voltage	13.5VDC	27VDC	27VDC	54VDC	54VDC
Overcharge Protection	15.5VDC	31VDC	31VDC	62VDC	60VDC
SOLAR CHARGER					
Maximum PV Array Power	500W	1000W	1000W	2000W	3000W/4000W
Maximum PV Array Open Circuit Voltage	102VDC	102VDC	102VDC	102VDC	145VDC
MPPT Range @ Operating Voltage	15-80VDC	30-80VDC	30-80VDC	55-80VDC	60-115VDC
Maximum Solar Charging Current	40A	40A	40A	40A	60A/80A
Maximum AC Charging Current	10A/20A	20A/30A	20A or 30A	15A	10A/20A/30A/ 40A/50A/60A
Maximum Charging Current (Utility Charging+Solar Charging)	60A	70A	70A	55A	140A
Standby Power Consumption	2W				
Maximum Efficiency	98%				
PHYSICAL					
Dimension.D*W*H(mm)	305*272*100mm				540*295*140mm 468*295*136mm
Net Weight (kgs)	5.2kg				11.5kg/13.5kg
OPERATING ENVIRONMENT					
Humidity	5% to 95% Relative Humidity(Non-condensing)				
Operating Temperature	0°C to 55°C				
Storage Temperature	-15°C to 60°C				

»» Features:

- 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 mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance



HPS SERIES

离网太阳能逆变器 Off Grid Solar Inverter
HPS 1.5KVA/3KVA/5KVA

SUMRY
Sumry Tech Ltd.

»» Product Data Sheet

MODEL	HPS 1.5K-12	HPS 3K-24	HPS 5K-48
Rated Power	1500VA/1200W	3000VA/2400W	5000VA/4000W
INPUT			
Voltage	230VAC		
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)		
Frequency Range	50Hz/60Hz (Auto sensing)		
OUTPUT			
AC Voltage Regulation (Batt.Mode)	230VAC±5%		
Surge power	3000VA	6000VA	10000VA
Efficiency(Peak)	90%	93%	93%
Transfer Time	10ms (for personal computers) 20ms (for home appliances)		
Wave form	Pure Sine Wave		
BATTERY			
Battery Voltage	12VDC	24VDC	48VDC
Floating Charge Voltage	13.5VDC	27VDC	54VDC
Overcharge Protection	15.0VDC	30VDC	60VDC
SOLAR CHARGER & AC CHARGER			
Maximum PV Array Open Circuit Voltage	55VDC	80VDC	105VDC
PV Range @ Operating Voltage	12-20VDC	30-40VDC	60-105VDC
Maximum Solar Charging Current	50A	50A	50A
Maximum AC Charging Current	10A/20A	20A/30A	10A/20A/30A/40A/50A/60A
Maximum Charging Current (Utility Charging+Solar Charging)	70A	80A	110A
Standby Power Consumption	2W	2W	2W
PHYSICAL			
Dimension.D*W*H(mm)	305*272*100mm		467*295*120
Net Weight (kgs)	5.2kg		9.8kg
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non-condensing)		
Operating Temperature	0°C to 55°C		
Storage Temperature	-15°C to 60°C		

»» Features:

- Pure sine wave inverter
- Built-in PWM solar charge controller
- Selectable input voltage range for home use
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance



»» Features:

- Pure sine wave output
- Output power factor 1.0
- Programmable supply priority for PV , battery or Grid
- User-adjustable charge current and voltage
- Wide PV input range (120Vdc -500Vdc), 110A MPPT SCC
- Working without batteries in sunny day
- WiFi Monitoring Function (optional)
- Anti-dusk kit for harsh environment(optional)
- LCD remote control with 10 meters wire(optional)
- PV and electricity complementary
- Use with lithium batteries



HGS SERIES

离网太阳能逆变器 Off Grid Solar Inverter
HGS 3500VA/3500W 5500VA/5500W

SUMRY
Summy Tech Ltd.

»» Product Data Sheet

MODEL	HGS 3500W	HGS 5500W
Rated Power	3500VA/3500W	5500VA/5500W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230VAC±5%	
Surge power	7000VA	11000VA
Efficiency(Peak) PV to INV	97%	
Efficiency(Peak) BAT to INV	94%	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Wave form	Pure Sine Wave	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum charge current	80A	80A
SOLAR CHARGER		
MAX.PV Array Power	5000W	6000W
MPPT Range@ Operating Voltage	120-500VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	110A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension.D*W*H(mm)	472*297*129	
Net Weight (kgs)	10kg	10.7kg
Communication Interface	RS485/RS232(Standard) LCD remote/WIFI(Optional)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 60°C	



»» Features:

- Pure sine wave output
- Output power factor 1.0
- Programmable supply priority for PV, battery or Grid
- User-adjustable charge current and voltage
- Wide PV input range (120Vdc -500Vdc), 110A MPPT SCC
- Working without batteries in sunny day
- WiFi Monitoring Function (optional)
- Anti-dusk kit for harsh environment(optional)
- LCD remote control with 10 meters wire(optional)
- PV and electricity complementary
- Use with lithium batteries
- Parallel operation up to 6 units for 5.5KW model



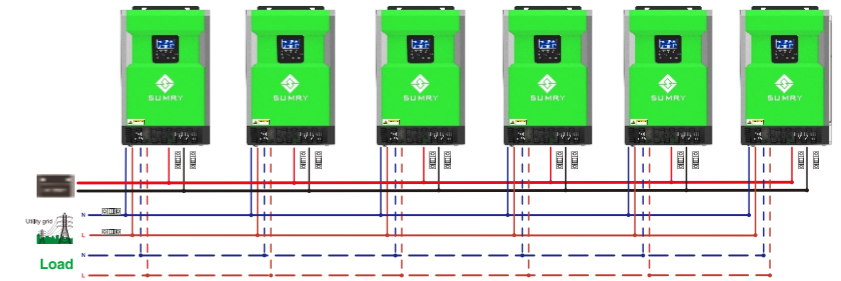
HGP SERIES

离网太阳能逆变器 Off Grid Solar Inverter
HGP 3500VA/3500W 5500VA/5500W

SUMRY

Sumry Tech Ltd.

Parallel operation up to 6 units for 5.5KW model



»» Product Data Sheet

MODEL	HGP 3500W	HGP 5500W
Rated Power	3500VA/3500W	5500VA/5500W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230VAC±5%	
Surge power	7000VA	11000VA
Efficiency(Peak) PV to INV	97%	
Efficiency(Peak) BAT to INV	94%	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Wave form	Pure Sine Wave	
BATTERY & AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum charge current	80A	80A
SOLAR CHARGER		
MAX.PV Array Power	5000W	6000W
MPPT Range@ Operating Voltage	120-500VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	110A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension.D*W*H(mm)	472*297*129	
Net Weight (kgs)	10kg	10.7kg
Communication Interface	RS485/RS232(Standard) LCD remote/WIFI(Optional)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 60°C	



»» Features:

- Pure sine wave
- Auto restart while AC recovering
- Overload over temperature and short circuit protection
- Supports PV charging
- Cold start function
- LCD colorful display
- High capacity 18650 lithium batteries
- High current and constantly output voltage for USB/12V
- LED lighting-International standard SOS
- Fashionable and exquisite appearance

SF SERIES

UPS便携式移动电站 Poratable Power Station

SF 600W

SUMRY

Sumry Tech Ltd.



»» Product Data Sheet

MODEL	SF-600W
Rated Output Power	600VA/600W
INPUT	
Bypass voltage Range	176VAC~264VAC
Frequency Range	40Hz~70Hz
OUTPUT	
Rated Output Voltage	220VAC
Output Frequency	50Hz/60Hz
Peak Power	1100VA
Overload Capacity	630VA-700VA, Turn off the output after 30s; 700VA-800VA, Turn off the output after 5s; 800VA-900VA, Turn off the output after 2s;
Conversion Efficiency	91%
Waveform	Pure sine wave
USB/12V	USB 5.0V 2.2A*4; 12V 2.0A*2
BATTERY	
DC Voltage	18V~25V(24V)
Recharging Current	5A±10%
Battery Capacity	16Ah
Overvoltage	25.5V±1%
Overvoltage Recovery Point	23.9V±1%
Low Battery Alarm	19V±2%
Battery Low Voltage Shutdown	18V±2%
Protection	Overcharge protection, overtemperature protection, overload protection battery overvoltage protection, output short circuit protection
SOLAR CHARGE	
MAX.PV Input Voltage (VOC)	25V
MPPT Operating Voltage Range	10V-20V
DC Input Voltage	10V-15VDC
MAX.Charging Power	100W
MAX.Conversion Efficiency	95%
ENVIRONMENT	
Humidity	0%~90%(No condensation)
Temperature	-10°C~45°C
Altitude	<2000m
Cooling	Wind cooling
Fan Noise	≤26dB(A)
FEATURE	
DxWxH(mm)	327x138x178
N.W (kg)	3.9kg



MPPT Charging



Multi-peak tracking



12V/24V/48V automatic recognition



3-stage charging



Photovoltaic input 150 VOC



PC Communication



LCD Display



IP20



SR SERIES

太阳能充电控制器 Solar Charge Controller
MPPT SOLAR CHARGE CONTROLLER

SUMRY
Sumry Tech Ltd.

Product Data Sheet

MODEL	SR4830	SR4860	SR4880
PV INPUT(PV)			
Maximum PV Voltage(VOC)	135V(-20°C)145V(25°C)		
System Voltage	12V/24V/48V auto;36V set		
MPPT Voltage Range	Battery voltage+3V-120V		
Suggest Input VOC Voltage	22V/40V/60V/80V		
Number Of MPPT Trackers	1		
MAX. PV INPUT POWER			
12V	400W	800W	1100W
24V	800W	1600W	2150W
36V	1200W	2400W	3200W
48V	1600W	3200W	4300W
CHARGER OUTPUT(DC)			
Max.Output Current(revisable)	30A	60A	80A
Rated Load Current	20A		
Max.Capacitive Load Capacity	100UF		
Ripper Voltage	< 0.5%		
Applicable Battery Type (ex-factory default lead-acid battery)	Sealed lead-acid battery/Gel battery/Flooded battery/Tithium battery, other battery types can be customized		
EFFICIENCY			
Max.Efficiency	< 98%		
MPPT Efficiency	> 99%		
PROTECTION			
Protect function	PV input over voltage protection; PV input over current protection Output over voltage protection; output over voltage protection PV /battery anti-reverse protection; over temperature protection Battery low/high voltage protection; load over current protection Load short circuit		
REGULAR DATA			
Unloaded Loss	1.5W		
Operating Temperature	-20°C~+45°C		
Dimension.D*W*H(mm)	238*180*90mm	280*202*97mm	297*214*90mm
Net Weight (kgs)	2.3kg	3.6kg	
Elevation Height	0% to 95%(No condensat)		
Cooling Concept	Natural		
IP Rate	IP 20		
Communication Interface	RS232(Extensible interface)		

Features:

- MPPT tracking efficiency can reach 99.9%
- LED and LCD display operation status
- Temperature compensate for battery
- Support different types of battery (GEL, Sealed, Lithium)
- Natural Coolingn
- All kinds of protection



AEGIS ES SERIES

混合式太阳能逆变器 Hybrid On & Off Grid Solar Inverter

AEGIS ES 3800W/5400W

SUMRY

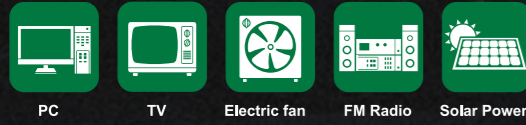
Sumry Tech Ltd.

»» Features:

- Li-ion/lead-acid battery
- Operation: on-grid (5KW) /MAX. Charging (3.6KW) /MAX. Backup (3.6KW)
- Zero export function
- Updating online remotely
- USB updating
- WIFI/GPRS/3G/4G
- APP for local and remote setting/monitoring

»» Product Data Sheet

MODEL	Aegis 3600ES	Aegis 5000ES
INPUT DATA(DC)		
Max.DC Power	3800W	5400W
Max.DC Voltage		550V
Start Voltage		110V
DC Normal Voltage		360V
PV Voltage Range		100V-550V
MPPT Voltage range		120V-500V
MAX.Input Current Per String Of		11A/11A
Number of independent MPPT Inputs		2
OUTPUT DATA(DC)		
Nominal AC Output Power	3600W	5000W
MAX. AC Apparent Power	3600VA	5000VA
MAX. Output current	16.4A	22.8A
AC Nominal Voltage Range	220V/230V/240V;180-280V	
AC Grid Frequency Range	50/60Hz±5Hz	
Power Factor @ Rate Power	1	
Power Factor	0.9 Leading...0.9 Leading	
THDi	0.3%	
AC Connection	Single phase	
BATTERY		
Battery Type	Li-ion or Lead-acid	
Nominal Voltage	51.2V	
Battery Capacity	≥1000AH (depending requirement)	
Energy	5.0KWH	
Max. Discharge/Charging Power	3600W	
Charging Curve	3-stage Adaptive with maintenace	
Operating Voltage Range	40V-60V	
Protection	66A/66A	
Max. Discharge/Charging Current		
BACKUP OUTPUT		
Max. Output Rate Power Without Solar	3600W	
Max. Output Power With Solar	5000W	
Peak Power	4500W, 3s	
Output Voltage	230V, 50Hz(60Hz optional)±0.2%. THDv<3%(Linear load)	
EFFCIENCY		
Max. Efficiency	97%	97.10%
Euro-eta	96.50%	96.50%
MPPT Efficiency	99.50%	99.50%
PROTECTION DEVICES		
DC Reverse Polarity Protection	YES	
DC Switch Rating For Each MPPT	YES	
Output Over Current Protection	YES	
Output Over Voltage Protection	YES	
Ground Fault Monitoring	YES	
Grid Monitoring	YES	
Integrated all-pole Sensitive Leakage Current	YES	
GENERAL DATE		
Dimensions(W/H/D)	495*420*165mm	
Weight	28kg	
Operating Temperature Range	-25...+60°C(-13...+140°C)with derating above 45°C(113°C)	
Noise Emission(Typical)	≤25db(A)	
Altitude	Up to 2000m(65600ft)without power derating	
Relative Humidity	95%	
Consumption: Operating (standby) /night	<5W/<5W	
Topology	transformerless	
Cooling Concept	Natural	
Environmental Protection Rating	IP65	
FEATURES		
DC Connection	H4/MC4	
AC Connection	Screw Terminal	
Display	LED	
Interface	WIFI/USB, GPRS/3G/RS485(OPTIONAL)	
Warranty	5Years, 10years/15years(optional)	
Certificates and Approvals	CE, IEC62109-1&2, VDE0126-1-1, G83/2, AS4777&AS/NZS 3100	



SAK SERIES

车载逆变器 In-Vehicle Inverter
SAK 300W/600W/1200W/2000W

SUMRY
Sumry Tech Ltd.

»» Product Data Sheet

MODEL	SAK-0312E	SAK-0612E	SAK-1212E	SAK-2012E
PV INPUT(PV)				
Rated Input Voltage	12V	12V	12V	12V
Rated Current	30A	56A	112A	210A
Maximum Efficiency	90%	90%	90%	90%
Battery Type	Lead acid/Lithium battery			
AC OUTPUT				
Rated Power	300W	600W	1200W	2000W
AC Voltage	220V/110V			
Frequency	50Hz/60Hz			
Wave form	PURE SINE WAVE			
INPUT PROTECTION				
Battery Low Voltage Alarm	10.5V	10.5V	10.5V	10.5V
Battery Low Voltage Recovery	11.0V	11.0V	11.0V	11.0V
Battery Low Voltage Shutdown	10.0V	10.0V	10.0V	10.0V
OUTPUT PROTECTION				
Output Short Circuit Protection	After the fault is eliminated, it can be rebooted			
Overload Protection	110% ≤ Load < 125%, 1 minute shutdown; 125% ≤ Load < 150%, 30s shutdown; 150% ≤ Load, shut down immediately;			
Output Temperature Protection				
Operating Environment				
Operating Temperature	0C~40°C			
Humidity	0C~80°C			
Other				
Dimension	305*172*75(mm)			
Remote Control Switch Interface	Standard Configuration			
USB	5V 2A			

»» Features:

- Pure Sine Wave
- Maximum efficiency 90%
- Intelligent speed regulation of fan: the fan speed will be controlled according to the load and the temperature inside the fan.
- Protection function: input under voltage protection, input over voltage protection, overload protection, short circuit protection, over temperature protection.
- Application: home, office, vehicle, yacht and other occasions.



LITHIUM BATTERY

锂电池 Wall Mounted Lithium Battery

LITHIUM BATTERY

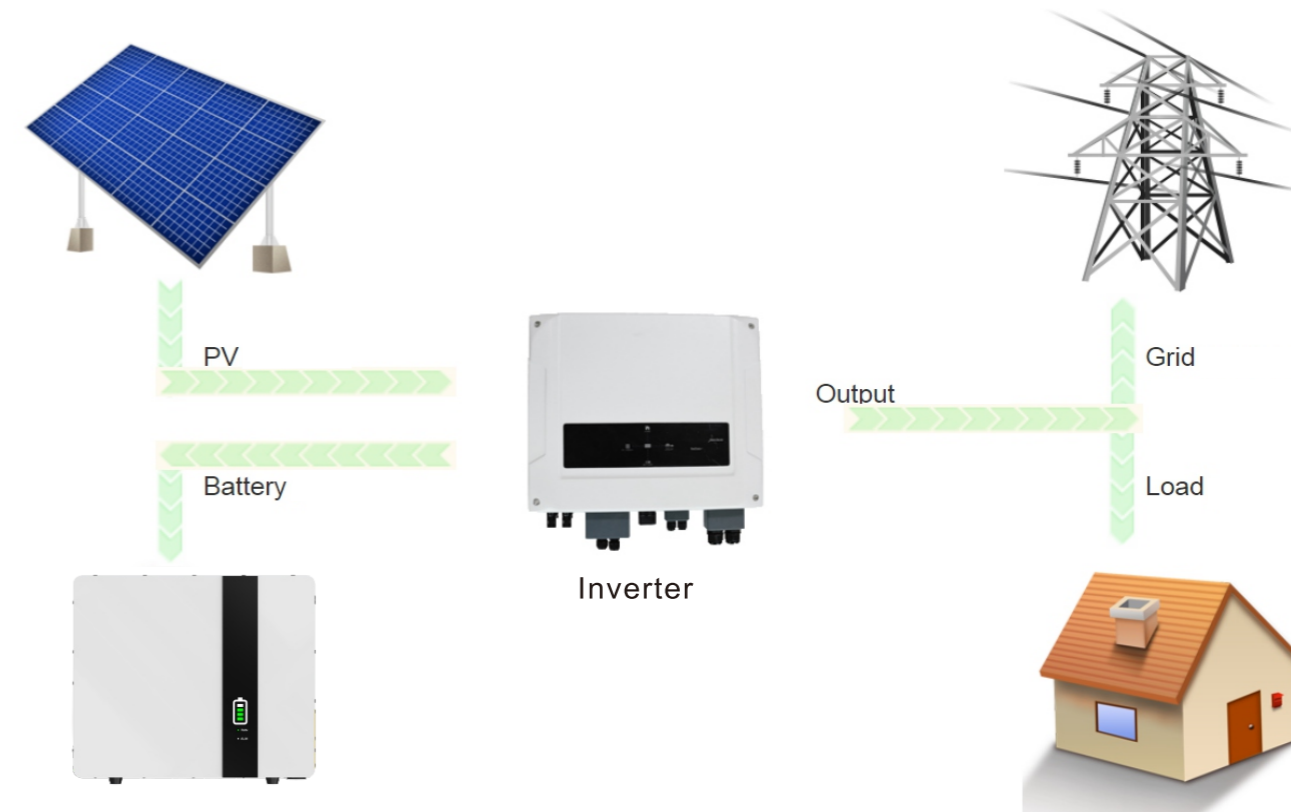
SUMRY

Sumry Tech Ltd.

»» Features:

- long lasting
- The power release can be controlled according to the inverter and controller
- 6000 cycles @0.5C conditions
- Maximum 1C charge and discharge capability
- Wall mounted IP54 grade
- Protective and active BMS allows greater reliability and control
- IP 54 grade
- Fully recyclable at the end of life

»» Introduction



»» Product Data Sheet

MODEL	Wall Mounted Compact 5.12kwh
Capacity Energy	5.12kwh
Capacity Ah	100Ah
Suggested SOC	5%-95%
Usable capacity	4.8kwh
Nominal voltage	51.2v
Operation Voltage	44.8V-57.6V
Maximum Charging/ Discharging Current	100A/100A per Pack
BMS	Robust Muliti Point Monitoring BMS Pre Installed
Scalable	yes,maximum 8 packs
Life Cycl(0.5C 25C)	6000 Cycles@0.5c
Warranty BTT	50MWh
Operation Temperature	5 years,whichever comes sooner
Storage Temperature	Chrage:0~45°C, Discharge:-20~45°C
Weight	20°C~45°C
Dimensions	48KG
Certifications	480X520X160mm
IP Grade	MSDS,UN38.3,ROHS,IEC62619,UL
Communication	IP54
	RS232 ,RS485,CAN

Sales Network

销售网络

三美瑞专业家用逆变器, 让生活更美好
Sumry professional household inverter, make life better.

SUMRY

Sumry Tech Ltd.



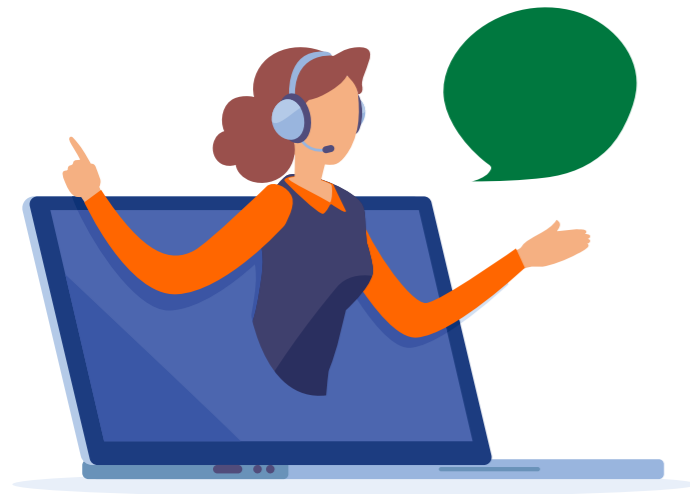
Service System

服务体系

三美瑞专业家用逆变器，让生活更美好
Sumry professional household inverter, make life better.

SUMRY

Sumry Tech Ltd.



售前服务：

可为客户提供售前技术咨询，详细介绍产品工作原理、技术性能。

售中服务：

合同签订后及时向客户通报生产、运输情况，以最快的时间将产品安全送达。

售后服务：

- 1、所有产品全部保修一年，产品自出售之日起三个月内免费维修或更换新机，一年内免费维修。
- 2、可为用户维护人员进行日常维护培训。
- 3、在货到用户方后，本公司根据工程具体情况，提供调试开通服务，保证设备如期正常运行。
- 4、进行电话回访和不定期的现场回访，及时了解设备运行情况，为客户解决问题。
- 5、24小时服务热线：0755-81737203

Pre sales service:

We can provide pre-sale technical consultation for customers , and introduce the working principle and technical performance of the products in detail.

On sale services:

After signing the contract, timely inform the customer of the production and transportation conditions, and deliver the products safely as soon as possible.

After sales service:

1. All products are guaranteed for one year, free maintenance or replacement within three months from the date of sale, and free maintenance within one year.
2. It can carry out daily maintenance training for user maintenance personnel.
3. After the goods are delivered to the user, the company will provide commissioning and opening services according to the specific conditions of the project to ensure the normal operation of the equipment as scheduled.
4. Carry out telephone return visit and irregular on-site visit, timely understand the equipment operation and solve problems for customers.
5. 24 hour service hotline: 0755-81737203