

JYINS®

Develop new energy to create a new life.



Off-Grid Inverter / Battery Charger
Solar Charge Controller / Solar System

YUEQING JYINS ELECTRIC TECHNOLOGY CO., LTD

BRIEF INTRODUCTION

YUEQING JYINS ELECTRIC TECHNOLOGY CO.,LTD is located in Liushi Town,the Capital of Electric Appliance in China, which is on the coast of the East China Sea and at the World Geopark of Yandang Mountain's piedmont. Liushui Town is 40km north to Yandang Mountain, 30km south to Wenzhou Airport and near the East China Sea in the east; therefore the land, sea and air transportation is very convenient here.

Our company was founded in 1993 with more than 30 years' development history. It's a modern enterprise integrating meters'and new energy's design, development,production, sales and service as a whole. Our company Professionally manufacture inverter/car inverter/home use inverter/power supply inverter/solar power inverter/pure sine wave power inverter/PV offgrid inverter/48V inverter/UPS uninterruptable power supply/power inverter with charger/solar charge controller/solar energy electrocar charger and so on.Currently, our company has more than 500 employees, including 53 managerial and technical personnel and 10 intermediate and senior engineers.

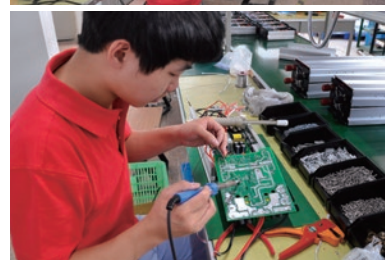
Our company has strong technological strength, exquisite production technology, as well as advanced and innovative production processes and equipments. All of our products have obtained the certificate of conformity-from the National Institute of Measuring and Testing Technology.Science and technology constitute a primary productive force. With over 30 national patents for invention, our company takes the lead in passing the ISO9001 Quality Management System certification, CE certification,explosion-proof certification,and RoHS environmental certification.

Our company has set new product R&D center, and quality management department. We constantly release new products to take over the international and domestic markets. Providing customers with satisfactory products and good services, we are deeply welcomed by customers. Our products are exported to countries and regions including Southeast Asia, the Middle East, European countries and the America enjoying a quite high international reputation.

As the old saying goes that "it is necessary to have effective tools to do good work."With the development of global power industry, electrical instruments will play an important role. This is also the very mission and challenge faced by our company. "Be excellent today, and be prosperous in the future". Based on the modern enterprise management system, with the spirit of an eagle striking the sky, Yueqing jyins electric technology co.,ltd. will make unremitting efforts to become the top electric meter and new energy brand in China.



JYINS Factory



QUALIFICATION CERTIFICATE

Company adopts the latest national and international IEC standards, passed the ISO9001 quality system certification, and ISO14001 environmental management system, The European Union CE certification standards certification, and RoHS compulsory certification certificate.



JYINS®



Solar Power Sysetem



JYU-300W

JYU-500W



JYU-200W

Portable UPS

1. Light weight, small size
2. Strong lithium battery
3. Dual AC output 110V/220V, Dual USB
4. Dual USB SV 5V, 2A
5. Support Solar and AC electricity charging
6. LED torch light

Model	JYU500	JYU300	JYU-200
Battery Capacity	12V, 42AH	12V, 26AH	12V, 13AH
Rate power	500W	300W	200W
Peak Power	1000W	600W	400W
Output Wave	Pure sine Wave	Pure sine Wave	Modified Sine Wave
DC Input	DC12.6-18V, 20A	DC12.6-18V, 20A	DC 12.6-18V, 4A
AC Input	AC80-260V, 7A	AC80-260V, 4.5A	AC80-260V, 1A
DC output	12V/20A	12V/20A	12V 4A, 19V 4A
USB output	5V/2A		
LED torch light	1W	2W	2W
Protection Function	Over Voltage, Over Load, Over temperature, Low Voltage, Short Circuit Protect		
Switching time	Less than 5MS		
Working Temperature	-20°C-60°C		
Dimension	340*185*60MM	340*185*60MM	98*98*286MM
Net Weight	3.7KG	3.2KG	1.4KG
Warranty	1 Year		



Solar Power System



DC Solar Lighting Kits

DC solar Lighting Kits			
Model	Solar Panel	Solar Controller	Battery
JYSY-005A	10W	12V 5A	12V 5AH
JYSY-010A	20W	12V 5A	12V 10AH
JYSY-020A	50W	12V 5A	12V 20AH

AC Solar System				
Model	Solar Panel	Solar Controller	Battery	Power Inverter
JYSY-024A	50W	10A	24AH	150W
JYSY-038A	80W	10A	38AH	300W
JYSY-055A	80W	20A	55AH	300W
JYSY-085A	150W	20A	85AH	500W
JYSY-100A	100W*2	20A	100AH	500W



AC Solar System



AC Solar System

AC Solar System				
Model	Solar Panel	Solar Controller	Battery	Power Inverter
JYSY-120A	150W*2	30A	120AH	1000W
JYSY-120B	200W*2	30A	120AH*2	2000W
JYSY-180B	250W*2	30A	180AH*2	3000W
JYSY-120C	200W*4	30A	120AH*4	3000W
JYSY-150C	200W*4	30A	150AH*4	5000W



Solar System

JYSY Series



Product Name	Specification	JYSY-055C
Solar panel	Model No.	JYSY-P50W(poly crystalline)
	Rated Power	50W
	Maximum Power	Voltage: 18 Vmp - Current: 2.78Imp
	Open Circuit Voltage(Voc)	21.24V
	Short Circuit Current(Isc)	3.06A
	Maximum System Voltage	1000V
	Working Temp	-40℃~ +85℃
	Standard Test Conditions	1000W/m2, AM1.5, 25℃
Lead-acid battery	Nominal Capacity	12V24AH
Solar controller	Rated Voltage(V)	12V
	Maximum charging current(A)	10A
	ChargeVoltage(V)	Floating charge: 14.4V,qualizing charge: 13.8V
	Voltage range (V)	10.8-16.5 V
	Working Temp	-40℃~ +60℃
Inverter	Continuous power(W)	150W
	Surge power(W)	300W
	AC output Voltage(V)& Frequency	220(V) ; 50Hz ± 2Hz
	Wave form	Modified sine wave
	Input: DC 12V	Working Voltage: 9.5V-15.5V
	Efficiency	>95%
	Thermal protection: ≥70℃	Cooling method:By fan
	Storage temperature range	0℃~ 40℃
	Alarm:yes	Fuse :45A
	DC low voltage shutdown: ≤ 9.5V	DC over voltage shutdown: ≥ 15.5V

PV cables:5m; 5m Lamp holder & lamp wire*4PCS; Manual: 1pc

Packing Information	TY055C
Volume(m³)	0.042cbm set
G.W.(kg)	18.2 kg/set
Quantity/20GP	619 set

How much power the solar system produce?	TY055C
Daily production	172w-220w
Average monthly production	5.16kw-6.6kw
Expected annual production	62.78kw-79.2kw
Max. output power	150w
Charging mode	solar panel
Charging time	By solar panel about 5.76 hours.
Working mode	AC & DC

This solar power kit can supply power for mobile phones, MP3 players, lights, fan, tablet PC, laptop, printer, small TV etc. Please note that total load power cannot exceed 150w, inductive load power should be less than 100w.

Solar System

JYSY Series



Product Name	Specifcation	JYSY-056A	JYSY-056B
Solar panel	Model No.	JYSY-P50W(poly crystalline)	JYSY-P80W(poly crystalline)
	Rated Power	50W	80W
	Maximum Power	Voltage: 18 Vmp - Current: 2.78Imp	Voltage: 18 Vmp - Current: 4.44Imp
	Open Circuit Voltage(Voc)	21.24V	
	Short Circuit Current(Isc)	3.06A	4.89A
	Maximum System Voltage	1000V	
	Working Temp	-40℃ ~ +85℃	
	Standard Test Conditions	1000W/m2, AM1.5, 25℃	
Lead-acid battery	Nominal Capacity	12V38AH	
Solar controller	Rated Voltage(V)	12V	
	Maximum charging current(A)	10A	
	ChargeVoltage(V)	Floating charge: 14.4V,Equalizing charge: 13.8V	
	Voltage range (V)	10.8-16.5 V	
	Working Temp	-40℃ ~ +60℃	
Inverter	Continuous power(W)	300W	
	Surge power(W)	600W	
	AC output Voltage(V)& Frequency	(V) 220; 50Hz ± 2Hz	
	Wave form	Modified sine wave	
	Input: DC 12V	Working Voltage:9.5V-15.5V	
	Efficiency	Thermal protection:≥70℃	
	Thermal protection:≥70℃	Cooling method:By fan	
	Storage temperature range	0℃ ~ 40℃	
	Alarm:yes	Fuse :45A	
	DC low voltage shutdown: ≤9.5V	Over voltage shutdown:≤15.5V	

PV cables:4mm² *10m; 5m Lamp holder &lamp wire*4PCS; &Other accessories; Manual: 1pc

Packing Information	TY056A	TY056B
Volume(m ³)	0.063 cbm/set	0.078 cbm/set
G.W.(kg)	24.5 kg/set	27.6 kg/set
Quantity/20GP	412 set	333 set

How much power the solar system produce?	TY056A	TY056B
Daily production	172w-220w	272w-400w
Average monthly production	5.16kw-6.6kw	8.16kw-12kw
Expected annual production	62.78kw-79.2kw	99.28kw-146kw
Max. output power	300w	
Charging mode	solar panel	
Charging time	By solar panel about 9 hours.	By solar panel about 5.7 hours.
Working mode	AC & DC	

This solar power kit can supply power for mobile phones, lights, fan, tablet PC, laptop, printer, TV, Electrograph etc. Please note that total load power cannot exceed 300w, inductive load power should be less than 200w.

Solar System

JYSY Series



Product Name	Specifcation	JYSY-056C	JYSY-056D
Solar panel	Model No.	JYSY-P100W(poly crystalline)	JYSY-P120W(poly crystalline)
	Rated Power	100W	
	Maximum Power	Voltage: 18 Vmp - Current: 5.55lamp	Voltage: 18 Vmp - Current: 6.67lamp
	Starting Circuit Voltage(Voc)	21.24V	
	Short Circuit Current(Isc)	6.11A	7.33A
	Maximum System Voltage	1000V	
	Working Temp	-40℃ ~ +85℃	
Lead-acid battery	Standard Test Context	1000W/m ² , AM1.5, 25℃	
	Nominal Capacity Rated	12V65AH	
Solar controller	Rated Voltage(V)	12V	
	Maximum charging current(A)	10A	
	charging Voltage(V)	Floating charge: 14.4V, Equalizing charge: 13.8V	
	Voltage range (V)	11-16.5V	
	Working Temp	-40℃ ~ +60℃	
Inverter	Rated Continuous power	300W	
	Peak power	600W	
	AC output Voltage(V)and Frequency	110/220/240V ± 10%; 50Hz ± 2%	
	Wave form	Pure Sine Wave	
	Input:DC 12V	Working Voltage:11V-15V	
	Efficiency :>93%	Overload Protection:300-360W	
	Thermal protection:≥60℃	Cooling method:By fan	
	DC Low-voltage Alarm:9.5-11V	Fuse -Buint	
	DC Low-voltage Protection:9-10.5V	DC Over-voltage Protection:≥15V	
	Green Led Indicator	Green Light on (Working), Flash (Overload Protection)	
	Red LED Indicator	Red Light (Error Protection)	
	DC low voltage shutdown: ≤9.5V	Over voltage on shutdown: ≤15.5V	-

TY056C:PV cables:5m; 5m Lamp holder & lamp wire*4PCS; Manual: 1pc

TY056D:PV cables:4mm² *10m; 5m Lamp holder & lamp wire*4PCS; PV brackets & Other accessories; Manual: 1pc

Packing Information	TY056C	TY056D
Volume(m ³)	0.1 cbm/set	0.11 cbm/set
G.W.(kg)	38 kg/set	40 kg/set
Quantity/20GP	260 set	236 set

How much power the solar system produce?	TY056C	TY056D
Daily Production	340w-540w	272w-400w
Average monthly production	10.2kw-16.2kw	8.16kw-12kw
Expected annual production	124.1kw-197.1kw	99.28kw-146kw
Max. output power	500w	300w
Charging mode	solar panel	
Charging time	By solar panel about 7.8 hours.	By solar panel about 5.7 hours.
Working mode	AC & DC	

This solar power kit can supply power for mobile phones, lights, fan, tablet PC, laptop, printer, TV, Electrograph, washing machine, fridge, desktop computer, etc. Please note that total load power cannot exceed 300w, inductive load power should be less than 200w.

Solar System

JYSY- Series



Product Name	Specifcation	JYSY-080C	JYSY-080D
Solar panel	Model No.	JYSY-P150W(poly crystalline)	JYSY-P100W(poly crystalline)
	Rated Power	150W	100W
	Quantity(pcs)	1 pcs	2 pcs
	Maximum Power	Voltage:18 Vmp - Current: 8.33lamp	Voltage:18Vmp - Current: 5.56lamp
	Starting Circuit Voltage(Voc)	21.24V	
	Short Circuit Current(Isc)	9.17A	6.11A
	Maximum System Voltage	1000V	
Lead-acid battery	Working temp	-40℃~ +85℃	
	Standard Test context	1000W/m ² , AM1.5, 25℃	
Solar controller	Rated Capacity	12V80AH	12V100AH
	Rated Voltage(V)	12V	
	Maximum charging current(A)	20A	
	Charging Voltage(V)	Floating charge: 14.4V,Equalizing charge: 13.8V	
	Voltage range (V)	11-16.5V	
Inverter	Working temp	-40℃ ~+60℃	
	Continuous power	500W	
	Peak power	1000W	
	AC output Voltage & Frequency	110/220/240V ±10%;50Hz ± 2%	
	Wave form	Pure Sine Wave	
	Input:DC 12V	Working Voltage:11V-15V	
	Efficiency :>93%	Overload Protection:500-600W	
	Thermal protection:≥60℃	Cooling method:By fan	
	DC Low-voltage Alarm:9.5-11V	Fuse :20A*2	
	DC Low-voltage Protection:9-10.5V	DC Over-voltage Protection:≥15V	
	Green Led Indicator	Green Light(Working),Flash(Overload Protection)	
	Red Led Indicator	Red Light(Protection)	
	DC low voltage shutdown: ≤9.5V	Over voltage shutdown:≤15.5V	

PV cables:4mm² *10m; 5m Lamp holder & lamp wire*4PCS; PV brackets & Other accessories; Manual: 1pc

Packing Information	TY080C	TY080D
Volume(m ³)	0.13 cbm/set	0.146cbm/set
G.W.(kg)	54 kg/set	59.2kg/set
Quantity/20GP	200 set	178 set

How much power the solar system produce?	TY080C	TY080D
Daily production	510w-810w	680w-1080w
Average monthly production	15.3kw-24.3kw	20.4kw-32.4kw
Expected annual production	186.15kw-295.65kw	248.2kw-394.2kw
Max. output power	500w	
Charging mode	solar panel	
Charging time	By solar panel about 6.4 hours.	By solar panel about 6 hours.
Working mode	AC & DC	

This solar power kit can supply power for mobile phones, lights, fan, tablet PC, laptop, printer, TV, Electrograph, washing machine, fridge, desktop computer, etc. Please note that total load power cannot over 500w, inductive load power should be less than 300w.

Solar System

JYSY Series



Product Name	Specification	JYSY-081C	JYSY-081D
Solar panel	Model No.	JYSY-P120W(poly crystalline)	JYSY-P150W(poly crystalline)
	Rated Power	120W	150W
	Quantity(pcs)	2 pcs	
	Maximum Power	Voltage:18Vmp - Current: 6.67lamp	Voltage:18Vmp - Current: 8.33lamp
	Starting Circuit Voltage(Voc)	21.24V	
	Short Circuit Current(Isc)	7.33A	9.17A
	Maximum System Voltage	1000V	
	Working temp	-40℃~ +85℃	
Lead-acid battery	Standard Test Context	1000W/m ² , AM1.5, 25℃	
	Rated Capacity	12V120AH	12V150AH
Solar controller	Rated Voltage(V)	12V	
	Maximum charging current(A)	20A	30A
	Charge Voltage(V)	Floating charge: 14.4V, Equalizing charge: 13.8V	
	Voltage range (V)	11-16.5V	
	Working temp	-40℃~ +60℃	
Inverter	Continuous power	500W	1000W
	Peak power	1000W	2000W
	AC output Voltage & Frequency	110/220/240V ±10%; 50Hz ±2%	
	Wave form	Pure Sine Wave	
	Input:DC 12V	Working Voltage:11V-15V	
	Efficiency :>93%	Overload Protection:500-600W	Overload Protection:1000-1200W
	Thermal protection:≥60℃	Cooling method:By fan	
	DC Low-voltage Alarm:9.5-11V	Fuse :20A*2	
	DC Low-voltage Protection:9-10.5V	DC Over-voltage Protection:≥15V	
	Green Led Indicator	Green Light(Working),Flash(Overload Protection)	
	Red LED Indicator	Red Light(Protection)	

PV cables:4mm² *10m; 5m Lamp holder &lamp wire*4PCS; PV brackets &Other accessories; Manual: 1pc

Packing Information	TY081C	TY081D
Volume(m ³)	0.17 cbm/set	0.2cbm/set
G.W.(kg)	68 kg/set	85kg/set
Quantity/20GP	152 set	130 set

How much electricity the solar system produce?	TY081C	TY081D
Daily production	816w-1296w	1.02kw-1.62kw
Average monthly production	24.48kw-38.88kw	30.6kw-48.6kw
Expected annual production	297.84kw-473.04kw	372.3kw-591.3kw
Max. output power	500w	1000w
Charging mode	solar panel	
Charging time	By solar panel about 6 hours.	
Working mode	AC & DC	

This solar power kit can supply power for mobile phones, lights, fan, tablet PC, laptop, printer, TV, Electrograph, washing machine, fridge, desktop computer, etc. Please note that total load power cannot over 500w, inductive load power should be less than 300w.