



Welcome to

AKA GLOBAL POWER UK LTD



COMPANY PROFILE



About Us / Who we are

AKA Global Power is a limited company registered in United Kingdom, having office in London and Bradford and was founded on determination, hard work and trust.

We are mainly engaged in the business of power & energy solutions related to generators, solar and other sources for power generation. The ownership, management and control of the company is led by an experienced and technical professionals.

AGP UK offers quality and genuine products to satisfy its customer's demands. We deal all major types of generators and their spares parts. Values, we stand by every day help us to be the one of the UK's trusted supplier of generator & spare parts for all major power generation brands of diesel & gas generators and solar power solutions.

The most relevant care of AKA Global Power UK is the "Total Customer Satisfaction" with the constant improvement of the services. As a company we are continually working hard to improve all areas of our business to offer excellent service without compromise.

"Your Comprehensive Source for your Power Equipment"





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Company Statement

- Support where you need it
- Powering your progress is our mission at AKA Global Power
 - Commitment to Success
 - Customer for life





CEO MESSAGE

AKA Global Power UK Ltd, provides a “One –Stop Shop” services to all customers and delivered a high level of Competency, which is reflected in the quick and efficient services through our professionalism. Customer’s queries are responded rapidly, assistance is provided to customers to obtain all necessary information. At the end of each day, only one thing matters at AGP UK, keeping our customers for life. That means 100% satisfaction with the performance of our services & information, to ensure that we exceed your expectations.

Our approach is based on “3C” concept i.e. **COMMITMENT, COMPETITIVE, CHAMPION.**

AKA GLOBAL POWER UK management philosophy is based upon responsibility, mutual respect, and profitability, the founder believes that the company's growth is based upon:

- Uncompromising, quality services.
- Exceptional People.
- Commitment to stake holders
- Social and Corporate responsibilities.

AKA Global Power aims to continue exceeding our customer’s expectations.

If you have a comment or suggestions please provide that will help us to achieve greater customer satisfaction, we want to hear it. In short, AGP UK is open and ready to do business.

To you the potential customers we say ‘welcome’ and how can we assist you in providing best services?

AGP UK waits for your valuable and positive comments for improvement.

CHIEF EXECUTIVE OFFICER





VISION

Our aim is to make customer for life with the professional team work, responsibility, integrity and provide total power solutions as per customer's satisfaction. Our Vision is to attain business excellence through efficient teamwork, trust, transparency, sincerity, confidence, reliability and respect in ethics with corporate social responsibility.

To export & locally distribute high quality Power Generators & their Parts & provides aftermarket services that combine performance with value pricing whilst consistently striving to meet and exceed customer expectations in terms of back up support in engineering, Services and spare parts.

QUALITY

We are committed to continuous improvement in our activities and business according to the following principles:

- Comply with all applicable laws and regulations
- Provide superior solutions and products to our customers
- Involve our employees in the continual development process
- Quality is important to our business because we value our customers. We strive to provide our customers with products and services which meet and even exceed their expectations.
- Customer satisfaction by giving accurate and reliable results
- Adopting excellence in everything we do
- To extend excellent customer support and services at all times

MISSION

We build long-term value for our investors through the strength of our services and by consistently producing profitable growth through superior quality and commitment to the highest standards. We provide high quality, convenient, comprehensive services at a competitive price and cost-effective manner."

- To become the market leader in distribution of Power Generators and their Parts.
- To supply globally recognized and high performing equipment.
- Building long lasting relationships with stakeholders through honest and fair trade dealings.
- To deliver best value to our customers, our principals and our people.
- Our Pricing Strategy is our competitive edge



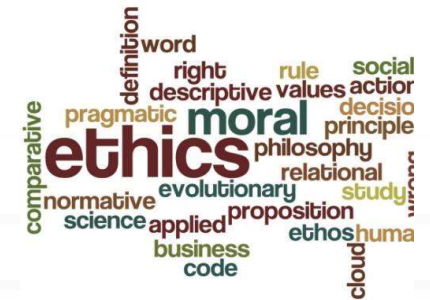
CODE OF ETHICS & CORE VALUES

All members of AGP family from our directors, managers, officers, employees and affiliates continually work to develop and protect this commitment to doing business ethically. The company's commitment to those standards and values is defined in our code of business conduct. We believe that a sustainable company is built on a foundation of the good governance that promotes ethical behavior at all levels. Our ethics and compliance focuses on helping AGP maintain its tradition as an ethical company as it grows globally.

Our ethical values:

- Excellence -Teamwork - Honesty - Integrity - Commitment
- Sincerity

AGP UK put these values into practice through a comprehensive compliance awareness program targeting appropriate employee groups to promote ethical behavior.



CORE VALUES

Excellence and professionalism in our business practices and core activities.

Sincerity in our desire to present the customer with a quality service performed.

Cohesiveness and integrity between our values and business goals.

Trained to be honest in every aspect of the transaction with our customers.

Respect and Prosperity for all stakeholders.

Our commitment which creates the environment wherein quality of service is achieved.



BUSINESS STRATEGY, GLOBAL OBJECTIVES, SMART GOALS



- Domestically & Internationally market share leadership
- Customer Support Excellence
- Perform with precision and ensure error-free interactions with each customer.
- Listen carefully to ensure true understanding of the customer's needs
- We are accessible to our customers and always ensure that their experience with us is efficient and timely.
- We care about the long-term success of each customer and strive to build trust- based relationships.
- Great place to work
- Set customers and employees up for success



The Basic objectives of AGP UK Ltd. are as follows:

- To establish business profit making from the first year of operations.
- To develop reliable supply chain of Power Generators & their Parts in UK.
- To secure loyal customer base and generate repeat business with customers.
- To become market leader by providing consistent quality products through export of only quality standard Power Generators & their Parts.



- Respect for People
- A will to win
- Customer Commitment
- Quality
- Integrity
- Teamwork
- Responsibility
- Excellence



OUR MOTTO, WORKING CRITERIA & FOCUS

- Quality Priority
- Customer Supremacy
- The Best PriceThe Excellent Service
- Your success is our business



- We provide a variety of genuine spare parts
- Our technical staff ensures the quick and efficient response
- The complaints are received by phone, our skilled is ready to solve the rapidly.
- We provide our online services 24/7.



- Customer for life
- Working as team inside & outside
- Delivering services as per customer satisfaction



OUR STRENGTH & KEY TO SUCCESS



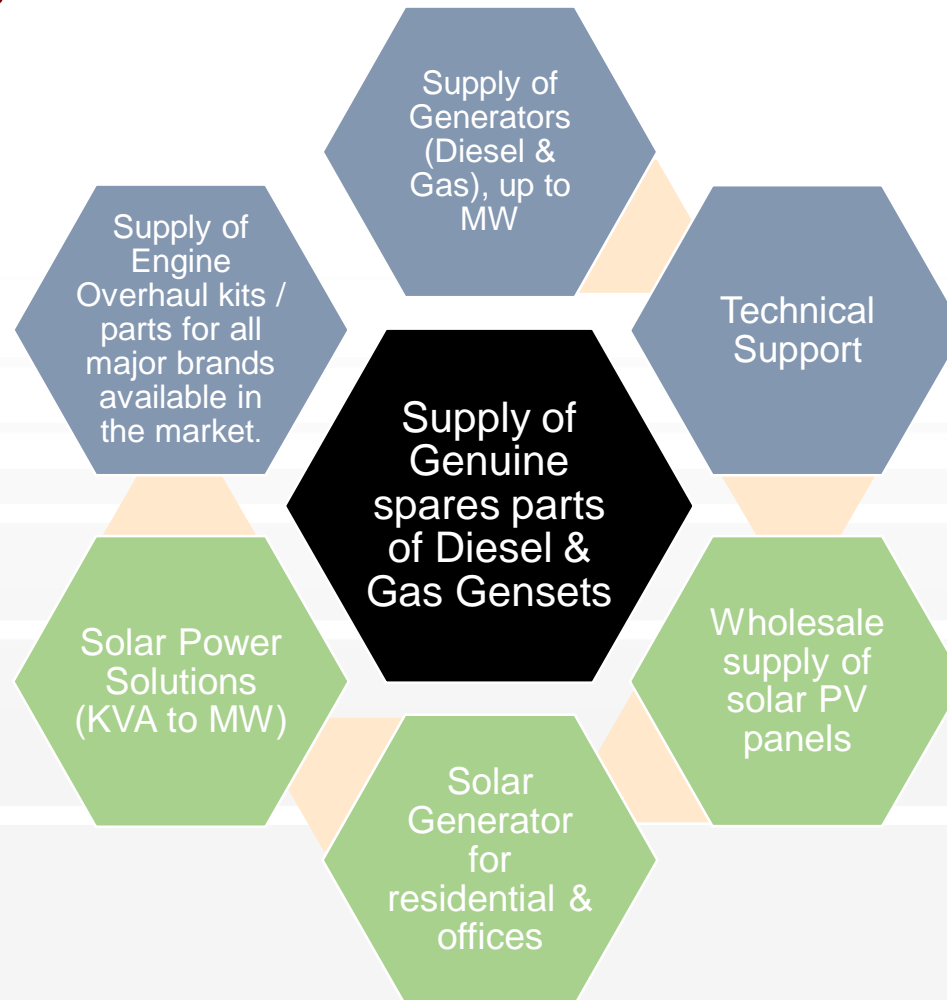
- Professional Management & leadership
- Technical Expertise
- Healthy Working Environment
- Employee Motivation
- Trust
- Reliability
- Quality
- Customer satisfaction

Here are some factors which would be parameters of our success:

- Integrity in business dealings with stakeholders, gaining their loyalty.
- Maintaining supply of quality products at competitive prices.
- Customer satisfaction service and commitment to business values.
- Extension and promotion of business through effective marketing.



OUR BUSINESS ACTIVITIES



MARKETING & HSE POLICY

- To provide adequate control of the health and safety risks arising from our work activities
- To consult with our employees on matters affecting their health and safety
- To ensure safe handling
- To provide information, instruction and supervision for employees
- To ensure all employees are competent to do their tasks
- To maintain safe and healthy working conditions



Marketing is one of the important factors and plays critical role in success of a business. It helps business to communicate its target market by ensuring presence of company's products in the market through advertisements and other promotion tactics.

AKA Global Power UK Ltd, in order to reach its target audience i.e. importers of Power generators & its Parts around the globe will register in business directories so that potential importers can find AKA Global Power UK Ltd, as a business involved in exports of Power generators & its parts & also locally distribute in UK.

A company website is designed allowing prospective importers of Power generators & its Parts to browse and find about company's products and availability of stocks.



BRITISH CHAMBER OF COMMERCE (WNY)



PRODUCTS & SOLUTIONS

**POWER
SOLUTIONS**

**INDUSTRIAL
CHEMICAL
SOLUTIONS**

**SOLAR
SOLUTIONS**



POWER SOLUTIONS- BRANDS



Yanmar



John Deere



Caterpillar



Volvo



Cummins



Waukesha



Perkins



MTU



SPARE PARTS



Generator spares parts from AKA Global Power UK Ltd, whatever your requirement for spare parts for maintenance a complete engine rebuild, AGP can supply the spare parts for all major brands in operation in the market. We can supply fast, medium-moving, slow moving and consumables through our supply chain with minimal delay. This ensures our customers can maximize generator running time without interruption.



INDUSTRIES

Our targeted and focused industries for supply of equipment for their power generation equipment's.

Power Generation

Industrial



Construction

Healthcare



Telecommunication

Oil & Gas





INDUSTRIAL CHEMICAL SOLUTIONS

We proudly offer environmental friendly high tech solutions for your unique cleaning and rust/Corrosion problems of any kind of military/commercial industries in care for your health and a better clean ENVIRONMENT.

As now is the time to REPLACE & REDUCE the dangerous poisonous/toxic de-rusting-rust prevention chemicals as oils-greases, spirits, alcohol, acids, acetone, trekolene, trichlorothane 111, paraffin, caustic soda,(citric acid) petrochemicals, solvents, etc.....

Our products meet the most stringent US and European Regulations for Solvents free cleanings processes also certified & approved by NATO (NSN) airbus, Mc Douglas Aircrafts , Boeing, Euro-copter, AMS 1526B, Mil-PRFs, REACH, from various international labs, Organizations for Standards/Norms and can be used throughout a broad range of industries as oil & gas/ military/aircraft/automotive/paints/foods & recreation pharmaceutical/ chemicals, textile & paper/ marine and shipping, offshore, road transport, manufacturing , household, PVC-Leather, plastic-rubber, workshops-maintenance Industries & power plants.....





ENVIRONMENTAL FRIENDLY PRODUCTS

AKA - Products

will help your company to bear its

environmental responsibility. They are:

Bio-degradable	Non Flammable
Re-useable	No Fumes or Gases Produced
Water-based	Free for all applications
Solvent-free	
No transport restriction	
Non Toxic	
Dangerous	

AKA - products can replace dangerous and toxic products like:

Solvents	Silicons
Trekolene	Spirits
Acetone	Paraffin
Acid	Caustic soda
Alcohol	Citric
Trichloroethane 111	Tolune
Vinigave	Petrochemicals Non
Salts	





REACH CERTIFICATION

AKA products are in line with the REACH regulation

REACH is the European Community Regulation on chemicals and their safe use (EC1907/2006). It deals with the **R**egistration, **E**valuation, **A**uthorization and **R**estriction of **C**hemical substances.

The law entered into force on 1st June 2007.

The aim of REACH is to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. At the same time, REACH aims to enhance innovation and competitiveness of the EU chemicals industry. The benefits of the REACH system will come gradually, as more and more substances are phased into REACH.



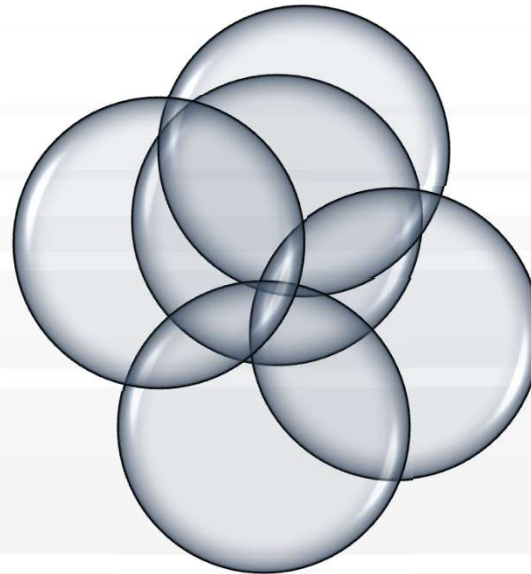
OUR RANGE OF RPRODUCTS

SPECIAL PRODUCTS

- RUST REMOVER
- RUST PREVENTION
- H.D.C
- ECONOMICA

H.A.C.C.P PRODUCTS

- HAND WASH GEL
- GLASS CLEANER
- MULTI CLEANER
- DISINFECTOR
- GREASE REMOVER
- FLOORSHINER
- FACE MASK



AVIATION AIRCRAFT

- AIRCRAFT CLEANER
- AIRCRAFT CLEANER GEL
- ECONOMICA

INDUSTRIAL CLEANER

- MILITARY
- REFINERIES
- RECREATION
- METAL PAINTING
- AUTOMOTIVE
- POWER PLANTS



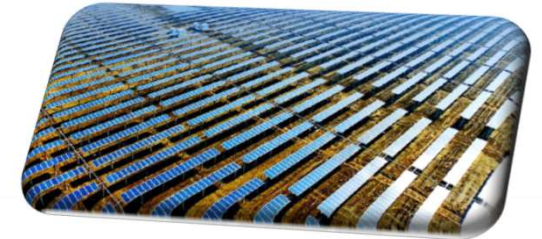
HIGHLY VERSITILE IN APPLICATION





SOLAR POWER SOLUTIONS

Our solar system will give you 80% savings on your electricity / utility bills.



Why buy from us:

- 30 years British warranty
- Low Risk British Procurement
- British Technical Support
- Unique British Brand
- British Quality Standards



High Module Conversion Efficiency
Up to 18.20%, through superior cell technology and leading manufacturing capability



Positive Tolerance
Guaranteed positive tolerance ~+3% ensures reliable power output



Intensive Wind and Snow Load Tests
Entire module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 Pascal)



Excellent Weak Light Performance
Excellent performance under low light environments to capture early morning and late evening sunlight





PRODUCTS & SERVICES

Our Services:

- Solar panels for your home & business.
- Small commercial to large industrial solar installation
- Battery backup for solar
- Residential for solar PV installation
- Hybrid solutions from 3 to 5KVA
- Hybrid solutions from 15 to 120KVA
- Supply PV Modules for MW Projects
- Wholesale supply of PV panels in 20ft and 40ft containers
- Only high quality materials grade “A” cells
- Longest warranties in the market
- British Warranty
- Competitive Price

Solar Power Products

- Monocrystalline
- Polycrystalline
- ALL black Mono or Poly
- Solar Solution – Off Grid / ON Grid
- Off- Grid (0.3 to 100KW)
- ON- Grid (3KW to 100KW)
- Hybrid Solar Solutions (15 to 120KVA)



**12 YEAR
PRODUCT
WARRANTY**

**30 YEAR
PERFORMANCE
WARRANTY**



**ISO9001
ISO14001
OHSAS 18001**



OFF GRID SYSTEMS

Electrical Characteristics STC	SM300P
Maximum Power (Pmax)	300W
Power Tolerance	0~+5W
Module Efficiency	17.12%
Maximum Power Current (Imp)	8.33 A
Maximum Power Voltage (Vmp)	36V
Short Circuit Current (Isc)	8.58 A
Open Circuit Voltage (Voc)	43V
Dimension	1956 x 992 x 50 mm
Weight	22 kg
Value at standard test conditions(STC): AM1.5, Irradiance 1000W/m ² , Cell temperature 25°C	



Also Applicable For Module With black frame

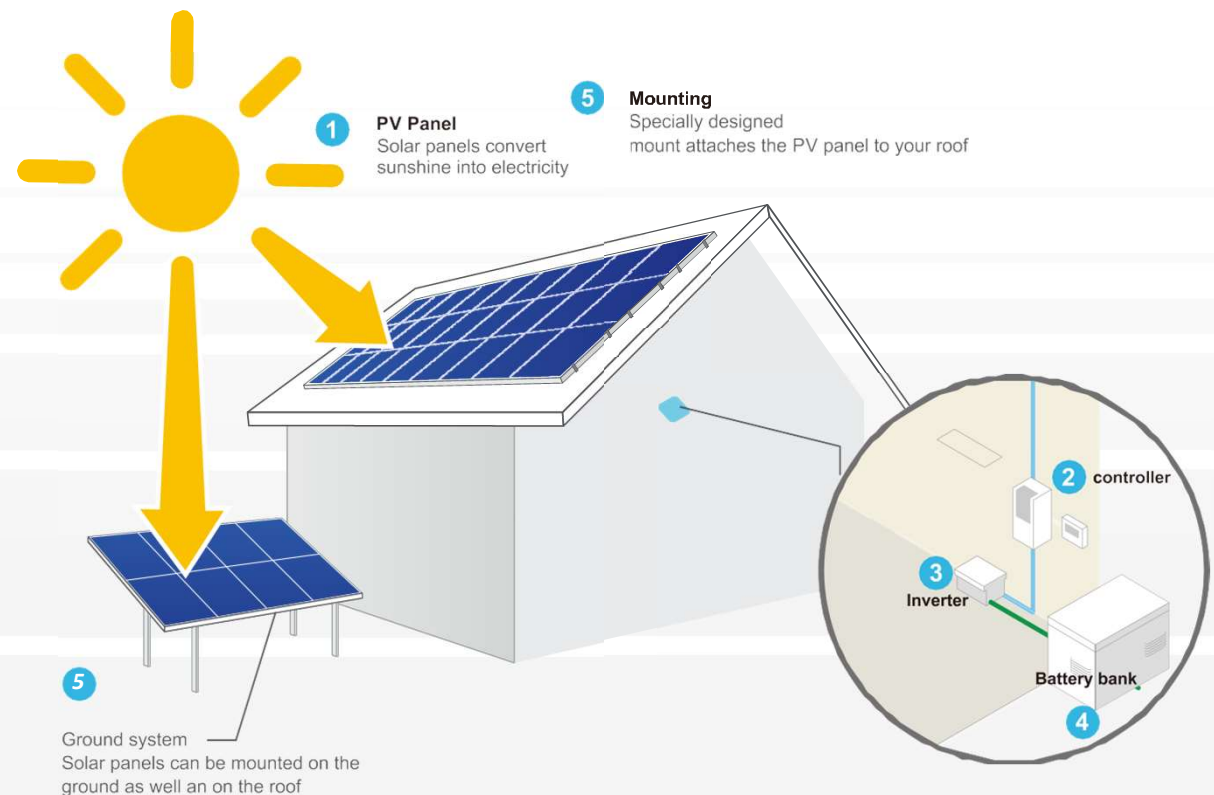


OFF GRID SYSTEMS

0.3KW to 100KW

Off-Grid System Components

1. Solar panels
2. Solar controller
3. Inverter
4. Battery bank
5. Solar Mounting Structure



SOLAR HOME POWER SYSTEM SOLUTION

T0 Solar Home Power System DC Solution

Smart Solar Generator—SG 12V series



As a smart solution for home lighting system, solar generator unit provides a portable sort for DC LED bulb, DC fan and other home electrical devices. Its advanced DSP controller prolongs the battery cycle life and back-up time; The system energy is specially designed to be recharged by solar panel.

- 5W,7W DC LED home lighting bulbs(with cables) optional.
- Dual 5V DC USB sockets for electrical device charging(Mobile...).
- 12V5A sockets is reserved for large capacity app(DC fans, DC TV...).
- Over charge/discharge protection; real-time capacity indicator.
- Auto dormancy function to prolong battery cycle life.
- No installation work; DC sockets directly connect, plug-in design.

Key Features








- Integrated with dual 5V DC USB for mobile charge and 12V DC sockets for LED home Lighting (3W,5W,7W).
- Energy storage 1200-2400Wh, long backup time for home application.
- Over charging/discharging protection, and alarm to prolong cycle life (LED flash).
- Real time battery capacity indicator and check.
- Zero installation work, plug-in design.
- The system is directly rechargeable with easy going operation.

Application

- DC LED lighting or outdoor lighting system;
- Mobile phone charging or electrical device charging;
- DC fan and DC TV...;
- Home DC application where the grid is not available.

Basic topology reference of SG Series:



Item	Icon Description Reference	Icon
1	Solar input (15-18V) · 2Pin, Left +, Right -, Max. Capacity 150W.	
2	12V DC output, 3Pin, Left +, Right -, middle Pin suspended; Max.output 12V 5A; Fan or other big power load available.	
3	12V DC output, round terminal, each output Max. 12V 1A by 5 loops; LED lamp available.	
4	Battery type setting (AGM, GEL, Flooded). System start/off.	
5	5V DC power for USB sockets, Max. 1A output for mobile phone charging and so on.	
6	Solar panel charging and battery discharging indicator.	
7	Battery capacity indicator.	

Optional Kits Model	Key Features
	Solar Panel • SL-60W-10P • SL-150W-10P
	LED Lamp • LED-5W-12V • LED-7W-12V All the bulbs with 3 meters cables
	Model: DC FAN 1224 • 12" Step Less Speed Switch Controlling Table Fan • 4 pin Bright LED Light • 0.5 Hour Timer • DC 12V Connecting Solar System • Red and white color available
	Model: DC FAN 1230 • 12" 2-Speed Controlling Table Fan • 18 pin Bright LED Light • DC 12V Connecting Solar System • Red and white color available

Product specifications are subject to change without further notice.

Model List

Series	Model	Dimension (L*W*H)mm	Recommended Panel (W)	Recommended Max Load (W)	N.W./Kg	Battery Pack	
SG DC series	SG12-100D	328*172*248	120	60	30.50	DC 12-100	12V100AH
SG DG series	SG12-100G	328*172*248	120	60	30.50	DG 12-100	12V100AH



OFF GRID SINGLE PHASE INVERTER

LEADING FEATURES

- Compact, light weight and movable
- 21V ~ 400V input voltage range-ultra low startup
- Over 96.7% Max.efficiency
- Precise MPPT algorithm
- RS 485, WiFi/ GPRS(optional)interface



Single Phase Inverter



Product Range:

- SM-300W (300W)
- SM-500W (500W)
- SM-1000W (1KW)
- SM-2000W (2KW)
- SM-3000W (3KW)
- SM-5000W (5KW)
- SM-6000W (6KW)
- SM-8000W (8KW)
- SM-10000W (10KW)

LCE displays, clearly to know the status.
have bypass function and AC charger (UPS function)
perfect protection. Protect against anti-charge at night,
battery over charge / over discharge, output short-circuit,
against overload, against over-voltage, over-current protection ect.



OFF GRID THREE PHASE INVERTER

LEADING FEATURES

- Compact, light weight and movable
- 50V ~ 400V input voltage range-ultra low startup
- Over 96.7% Max. efficiency
- Precise MPPT algorithm
- RS 485, WiFi/ GPRS(optional)interface
- Multiple protections levels
- WiFi monitoring available - iphone and android app available
- 5 years standard warranty, 10 years optional upgrade

Product Range:

- T6K (6KW)
- T10K (10KW)
- T15K (15KW)
- T20K (20KW)
- T25K(25KW)
- T30K (30KW)
- T36K (36KW)



Three Phase Off Grid Inverter



PV COMBINE BOX

Selection guide

Model	PVCB-06L	PVCB-12L	PVCB-08S	PVCB-16S
Max. PV array voltage	500Vdc	500Vdc	1000Vdc	
	6	12	8	16
	12A(10A/15A)	12A(10A/15A)	12A(10A/15A)	
	63A	125A	100A	160A
	Class C	Class C	Class C	
	Φ4~6.8(PG-9)	Φ4~6.8(PG-9)	Φ4~6.8(PG-9)	
	Φ4~18(PG-21)	Φ4~18(PG-21)	Φ4~18(PG-21)	
	IP65	IP65	IP65	IP65
	-25 ~ +60°C	-25 ~ +60°C	-25 ~ +60°C	
	0 ~ 95%	0 ~ 95%	0 ~ 95%	
	404*365*136.5	404*365*136.5	600*575*270	
	7.5Kg	8Kg	30Kg	30Kg
Accessories				
				No
				Yes
				No

Features

- IP65 protection class, meet the needs of outdoor installation and usage
- Max. DC voltage upto 1000V
- Complete protection(with input fuse/output breaker/SPD protection)
- Simplifying system wiring and reduce wiring costs
- Maintenance is quick and easy

Model number description

PVCB-12

Configuration Type:
L: Low configuration
S: Smart & high configuration

Series Name:
PV combiner box

Max. PV array parallel inputs:
06: Max. 6 inputs
12: Max. 12 inputs



PV COMBINE BOX

Features:

1. Excellent performance because of MCU control and intelligent optimized SOC design.
2. Longer batteries lives because of functions of overcharge function and overdischarge protection for battery.
3. Full automatic control such as electronic short circuit protection, overload protection and unique reserve connection prevention.
4. Visualization of operation status of the equipment through simple LED indicators and nixie tubes and one-button setting.
5. An industrial chip provided for all control to enable equipment to operate in a cold ,hot or humid condition.
6. Crystal oscillator is used for timing control ,featuring accurate control and having multi-stage single-interval fixed-time setting and independently settable multi-stage dual-interval fixed-time setting.



Selection guide

Model	CP10	CP20	CP30	CP30	CP40	CP50	CP60	CP80	CP100	HCP50	HCP75	HCP100		
Rated Charge current(A)	10	20	30	30	40	50	60	80	100	50	75	100		
Rated DC voltage(V)	12/24 automatic identification			24V/48V automatic identification			24V/48V		48V/96V		240V/384V			
Solar input Max voltage(V)	21 / 42			42 / 84			42 / 84		84 / 168		420 / 872			
Battery	Over charge protective voltage(V)	14.3 / 28.6			28.6 / 57.2			28.6 / 57.2		57.2 / 114.4		286 / 457.6		
	Over charge recover voltage(V)	13.7 / 27.4			27.4 / 54.8			27.4 / 54.8		54.8 / 109.6		274 / 438.4		
	Constant charge voltage(V)	13.5/27			27/54			27/54		54/108		270/432		
	Over discharge alarm voltage(V)	10/20			20/40			20/40		40/80		200/320		
	Environment Humidity and temperature	0-90% No condense 55												
Others	Protective Functions	Protection against anti-charge at night battery over charge over discharge protection Joint-reversed of solar modules												
	Control method	MPPT												
Size :D*W*H(mm)	121*78*30			121*78*30		155*145*67		325*222*79			389*320*98		417*360*118	
Package D*W*H mm	133*85*40			133*85*40		193*180*117		368*290*127			430*395*180		440*420*200	
N W/G.W(kg)	0.2/0.3KG			0.2/0.3KG		0.9/1.1KG		2.4/2.8KG			5.2/6.5		8.4/9.75	

Note:specifications subject to change without notice.



PV COMBINE BOX

Performance Feature

1. Real time monitors inverters remotely by data logger
2. Multilingual support available
3. Efficient non-isolated topological structure
4. Temperature range -25°C to 60°C, Compact design, easy to install
5. Controlled by TI Digital DSP
6. Controlled by high efficient MPPT to track the maximum PV output, MPPT rate >99%
7. Pure sine wave output, automatic synchronization to grid, low harmonics
8. Anti-island protected by disturbance detection
9. Excellent functions of protection and alarm
10. Optional CAN, Ethernet, RS485, Bluetooth ports and remote data collectionate smoothly to provide stable power supply for load.



ON Grid Inverter

Product Range:

- SMBF1K (1KW)
- SMBF2K (2KW)
- SMBF3K (3KW)
- SMBF4K (4KW)
- SMBF5K (5KW)
- SMBF6K (6KW)
- SMBF10K (10KW)
- SMBF15K (15KW)
- SMBF20K (20KW)



SOLAR GEL BATTERY



Application

Solar home system, Off-grid power station,
Solar communication base station,
Solar street lamp, Mobile storage system,
Solar traffic lights, Solar building system,
etc.

Long life-span more than 6 years and
minimum 3 years warranty.

Products Standard: GB/T 22473-2008, IEC 61427-2005





SOLAR GEL BATTERY

Model	150Ah	180Ah	200Ah	220Ah	250Ah
Nominal Voltage	12 V	12 V	12 V	12 V	12 V
Nominal Capacity (10 hr, 1.80 V/cell, 25 °C)	150Ah	180Ah	200Ah	220Ah	250Ah
Approximate Weight	41.2kg	53.9	57	59	67.5
Internal Resistance mΩ (Lead terminal)	3.95	3.75	3.25	3.05	2.85
Terminal	4 mm ² ×2 m	6 mm ² ×2 m			
Maximum Charge Current	37.5	45A	50A	55A	62.5A
Ambient Temperature	-35~55 °C	-35~55 °C			
Dimension	Length (±2 mm)	483	522	522	520
	Width (±2 mm)	170	240	240	269
	Container Height (±2 mm)	240	219	219	220
	Total Height (±2 mm)	240	244	244	245
Case	ABS	ABS	ABS	ABS	ABS

Note: specifications subject to change without notice.

Model	20Ah	30Ah	40Ah	50Ah	60Ah	65Ah
Nominal Voltage	12V	12 V	12 V	12 V	12 V	12 V
Nominal Capacity (10 hr, 1.80 V/cell, 25 °C)	20Ah	30 Ah	40 Ah	50Ah	60Ah	65Ah
Approximate Weight	6.4kg	8.5 kg	12.1 kg	17.4 kg	18.2 kg	18.2 kg
Internal Resistance mΩ (Lead terminal)	11.6	10.15	9.55	9.15	7.65	7.65
Terminal	1.5 mm ² ×2 m			2.5 mm ² ×2 m		
Maximum Charge Current	5.0A	7.5 A	10 A	12.5 A	15 A	15 A
Ambient Temperature	-35~55 °C					
Dimension	Length (±2 mm)	181 mm	196 mm	196 mm	350 mm	350 mm
	Width (±2 mm)	77 mm	165 mm	165 mm	166 mm	166 mm
	Container Height (±2 mm)	170 mm	174 mm	174 mm	174 mm	174 mm
	Total Height (±2 mm)	175 mm	181 mm	181 mm	174 mm	174 mm
Case	ABS	ABS	ABS	ABS	ABS	ABS

Model	70Ah	80Ah	90Ah	100Ah	120Ah
Nominal Voltage	12 V	12 V	12 V	12 V	12 V
Nominal Capacity (10 hr, 1.80 V/cell, 25 °C)	70Ah	80Ah	90Ah	100Ah	120Ah
Approximate Weight	20.1 kg	24.8 kg	26.4 kg	28.3 kg	33.6 kg
Internal Resistance mΩ (Lead terminal)	7.65	6.15	5.65	5.05	4.35
Terminal	2.5 mm ² ×2 m		4 mm ² ×2 m		
Maximum Charge Current	15 A	20 A	22.5 A	25 A	30 A
Ambient Temperature	-35~55 °C				
Dimension	Length (±2 mm)	350 mm	329	329	406
	Width (±2 mm)	166 mm	172	172	174
	Container Height (±2 mm)	174 mm	214	214	208
	Total Height (±2 mm)	174 mm	236	236	232
Case	ABS	ABS	ABS	ABS	ABS



LARGE CAPACITY (50KVA TO 250KVA)

T7 Large Capacity Solar Power Station

For large capacity power consumption, SV series could provide 50-250kVA solar power system for the areas such as standing-alone islands or where the utility power is not sufficient.

Key Features

- Scalable up to capacity 250kva by 50kva module; Output 400Vac;
- Built-in power switchgears, increase system reliability and maneuverability;
- High crest inverter design ensures withstanding heavy duty load, such as motor, pumper...;
- High efficiency (up to 98%) MPPT solar charging module is integrated inside;
- Diesel Gen is friendly compatible and automatically managed;
- 10" touch screen LCD display, Remote monitoring.



Application

- Pumps, motors, cooling system
- Lighting system
- Heavy duty power application

NOTES: For detailed solutions, please contact the sales for technical supports.

SV Series Solar Inverter (50-250kva, with PDU)



Solar Panel



- SL-250W-30P (200-1000pcs)

Ritar Battery



- Deep Cycle Gel Series
- Tubular Gel (OPzV) Series

SOLAR HOME POWER SYSTEM DC SOLUTIONS

T0 Solar Home Power System DC Solution



Portable Solar Home System(SHS)
Model:SHS-1270

Standard accessories in package:

- 1: DC 12V Lamp *2 PCS, 7W(Model:LED-7W-12V)
- 2: Mobile charge USB cable 5 in 1
- 3: Solar panel *1pcs, 10W, 18V

Additional Optional Kits

- 1: DC 12V Lamp, 5W-3meters cable (LED-5W-12V)
- 2: DC 12V Lamp, 7W-3meters cable (LED-7W-12V)
- 3:AC charger*1pcs,12V 1.0A



DC Output



DC Output



USB 5V Output



DC 12V Input

- 12V 7Ah Rechargeable Lead-acid Battery
- 4Pcs 12V DC output sockets
- 2Pcs USB 5.0V DC output sockets
- 1PCS Torchlight
- Battery Capacity Indicator
- Carton:50.5*32*41 cm/4Pcs

Solar System+FM Radio+Music Player+ Powerful Torch =All Integrated Solution



POWERFUL TORCH
Superbright LEDs



TASK LIGHT
Portable using anywhere



PORTABLE CHARGER
Charge your phones



FM RADIO&MP3
Enjoy music and news



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Patience



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