



- SOLAR PANELS
- DEEP CYCLE BATTERIES
- SOLAR CHARGE CONTROLLERS
- INVERTERS /UPS
- SOLAR PUMPING SYSTEMS
- SOLAR STREET LIGHTS
- SOLAR HOME KITS
- SOLAR WATER HEATERS
- SOLAR ACCESSORIES
- SOLAR COOLING SYSTEMS





ABOUT AJAY SOLAR

Ever since Ajay Industrial Corporation Limited's foundation in 1961, we have been working tirelessly towards providing world-class water management solutions to individuals and corporate houses. It's our hard work and commitment to offer high-quality products that made us the first company to receive ISO 9001-2008 Certification from Indian government in hand pump segment.

We have received countless awards and certifications at national and international level over the last five decades. The one thing that contributed most in it was our willingness to help people live a healthy life. To take our services to the next level, we have decided to expand our offerings in the form of solar energy solutions. The pace at which the pollution level is increasing in tier 1 and tier 2 cities is quite alarming and will spoil every chance of a brighter future if the situation isn't controlled soon. Even though the government is bringing new amendments every now and then to combat this problem, nothing seems to be working fine. As a developing country, we need to take the responsibility on our own shoulders and try to resolve the problem at earliest to give a better future to the next generation.

Before arriving at a conclusion by using random solutions, there is a great need to reverse-engineer the entire problem and figure out its root cause. Once you do it, you'll know that excessive use of harmful by-products and toxic gases released into environment everyday play a vital role in the rising population level. Unless these gases and By-products are controlled, it's almost impossible to improve the situation. That's where solar energy comes into the picture and gives us a ray of hope to fight growing pollution level. In most of the stats, the government powered electricity grids, and power stations use traditional sources, such as harmful fossil fuels to generate electricity. Given the fact that they damage the environment in the worst possible manner, at some point, our government, as well as the society, will have to look beyond them and figure out a better substitute. Solar energy can be that alternative which can allow us to live a healthy and disease-free life.

At Ajay Industrial Corporation Limited, we try our best to put the latest technology to good use by producing solar powered products and making them available to everyone across the Africa.

We are invented solar power system in 2013 for the vulnerable families who were suffering under darkness across Africa.

Our goal is to make sure that people can use these products to bring down the overall cost of the electricity consumed on a day-to-day basis, and at the same time don't spoil the environment directly or indirectly. Some of our primary products include solar street lights, solar water heaters, solar cooling systems, solar pumping systems, deep cycle batteries, solar inverters, solar UPS, solar charge controllers, solar panels, solar home kits, solar accessories, etc.

With time, we are continually upgrading our offerings just to ensure that none of our clients have to face any problem while shifting from traditional energy sources to solar for their home and business premises.

Ajay Industrial Corporation Limited has taken up the mission to put India on the front line along with other developed nations whose primary focus is to fulfill a large part of their annual energy requirements

Ajay Industrial Corporation Limited has taken up the mission to put Africa on the front line along with other developed nations whose primary focus is to fulfill a large part of their annual energy requirements using the solar power. Going forward, we will keep introducing new and world-class products that can take this mission further. All of our solar products are good enough to meet end to end energy requirements of both residential buildings as well as commercial premises. Take a close look at our offerings and be a part of this mission.

Our mission is to serve the nation to the best of our abilities by providing world-class energy management solutions to individuals and corporate houses and become the number one solar energy solution provider in India in next five years. Our vision is to make sure that our energy management solutions can inspire every African to use solar energy solutions at their homes and commercial premises and minimize the pollution level in the coming years.

Right from our inception until today, Ajay Industrial Corporation Limited has always tried to stay true to its promises. We understand your requirements and manufacture top-notch products that can live up to your expectations. So, don't have to worry about the product quality. Give us a try and you will never have to look for any alternative again.

WHY CHOOSE **AJAY SOLAR** SOLAR PRODUCTS AND SERVICES?

WHY PARTNER WITH AJAY SOLAR?

Ajay solar incorporated with latest solutions which is imported from across the globe.

- Experience you can depend on. We've been in business for over 5 years with worldwide leadership in power conversion and electric distribution technologies.
- Complete photovoltaic solutions for any size installation from a single supplier.
- Global service and support infrastructure with local presence in over 10 countries across the Africa.
- Products are designed and built to the highest standards and are engineered specifically to meet the demanding requirements of your installation.

SUSTAINABLE

HIGHER RETURN ON INVESTMENT

DESIGNED FOR RELIABILITY

FLEXIBLE

EASY TO SERVICE

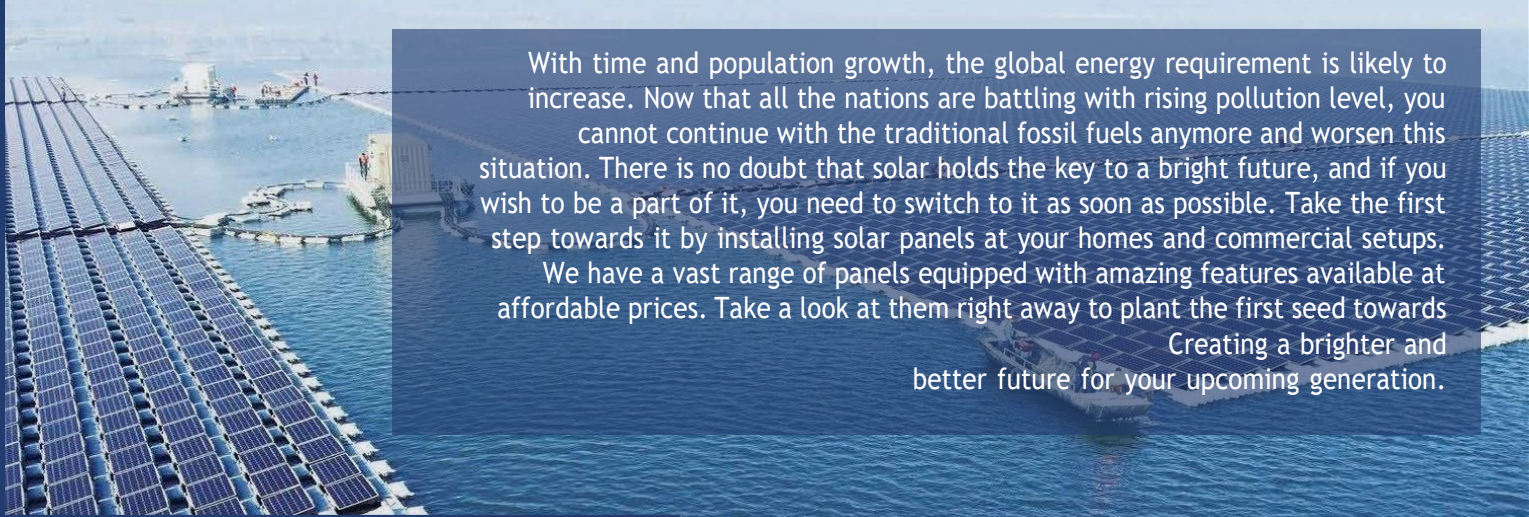
EASY TO INSTALL





CLIENTS

Ajay solar (reliefline as a distribution across the globe across Africa) Here reliefline represents both domestic and international market and we feel privileged in working with all the leading NGO's across the Globe. We are completely committed in providing world class, good quality, products and services at competitive prices to our customers. As a result we have a wide- spread and satisfied client base.



With time and population growth, the global energy requirement is likely to increase. Now that all the nations are battling with rising pollution level, you cannot continue with the traditional fossil fuels anymore and worsen this situation. There is no doubt that solar holds the key to a bright future, and if you wish to be a part of it, you need to switch to it as soon as possible. Take the first step towards it by installing solar panels at your homes and commercial setups. We have a vast range of panels equipped with amazing features available at affordable prices. Take a look at them right away to plant the first seed towards
 Creating a brighter and better future for your upcoming generation.

AJAY SOLAR PANELS

MONOCRYSTALLINE SOLAR PANEL



Electrical Characteristics	NPV140
Maximum Power at STC (Pmax)	140 W
Maximum Power Voltage (Vmp)	17.6V
Maximum Power Current (Imp)	7.95A
Short Circuit Current (Isc)	8.41A
Maximum system voltage	1000V DC
Open Circuit Voltage (Voc)	22.58V
Power Tolerance	-1% ~ +3%



POLYCRYSTALLINE SOLAR MODULE

Electrical Characteristics	NPV140
Maximum Power at STC (Pmax)	140 W
Maximum Power Voltage (Vmp)	17.6V
Maximum Power Current (Imp)	7.95A
Short Circuit Current (Isc)	8.41A
Maximum system voltage	1000V DC
Open Circuit Voltage (Voc)	22.58V
Power Tolerance	-1% ~ +3%

DEEP CYCLE BATTERIES



AGM BATTERIES



LITHIUM BATTERIES



GEL BATTERIES



FLOODED BATTERIES

Dire from 7 AH -1500 AH in Various Voltages and types

SOLAR CHARGE CONTROLLERS

MPPT AJAY MPPT



Model	MPPT12/24-20/30/60/80D
Rated Voltage	12V / 24V / 48V
Max Load current	30/50/60/80A
Input voltage range	12V -40 V / 24V -8 0V / 48V -11 0V
Length ≤ 1m Charge loop drop	< 0.25V
Length ≤ 1m Discharge loop drop	< 0.05V
Over voltage protection	17V / 34V / 68V
Full charge cut	13.7V / 27.4V / 54.8V
Low voltage cut	10.5V-11V / 21V-22V/42V-43V
Temperature compensation	-3mV/ ° C /cell
No load loss	≤ 10mA
Max wire area	10 mm 2
Ambient temperature	-25 ° C __ +55 ° C
Unit Size	210*125*50mm
N. W. /pcs	1.1kg
Pcs/ ctn	18pcs
G. W. /ctn	18kg

PWM = AJAY SOMPACT, AJAY -PROFESSIONAL

Model	CD12/2410	CD12/2412	CD12/2415	CD1224/20	CD12/24/30
System Voltage	12/24V				
Max. Charging Current	10A	12A	15A	20A	30A
Float Charge Voltage	27.4V				
Boost Charge Voltage	29V				
DC Load	10A	12A	15A	20A	30A
Temperature Compensation	Yes				
LED Indicator	2 LED indicators for different charge status				
Case Color	Blue, Black or Silver (optional)				
Unit Size	85*70*36mm				
N. W. /Unit	120g				
Packing	Gift box: 100pcs/16.6Kg/Carton (55.5*24.5*36cm)				
Certification	CE-EMC/LVD, RoHS				
Warranty 24	Months				
Brand	AJAY SOLAR.				



INVERTERS /UPS

Ajay Solar inverter is an inverter designed to operate with a single PV module
The micro-inverter converts the direct current output from each panel into alternating current
We have Inverters of 400V to 1000V
Our Inverters obtain maximum power for any given environmental conditions.



SOLAR PUMPING SYSTEMS

solar pump DC Pump hybrid pumping from 0.5kV to 1.4kV
Grundfos and Lorentz and in the hybrid system ATX Pumps with
hybrid which can work with solar and hybrid power.





SOLAR STREET LIGHTS

Say goodbye to darkness in the evening and costly electricity bills. Our solar-powered LED lighting solutions harness the sun's energy to provide high-quality illumination for indoor and outdoor applications. This breakthrough technology delivers a convenient, sustainable way to light your space with minimal investment and maintenance.

We have various types of solar light like all in one lights, Garden Solar light, Integrated solar light with (Inbuilt Batteries) and IV) Commercial solar street light range is form 60 watt to 250 vat



SOLAR WATER HEATERS

Ajay Solar water heating (SWH) is the conversion of sunlight into heat for water heating using a solar thermal collector t h e y are heated directly or via

Light-concentrating mirrors. They operate index- pendently or as hybrids with electric or gas heaters.



SOLAR COOLING SYSTEMS

Ajay Solar air conditioning refers to any air conditioning (cooling) system that uses solar power. This can be done through passive solar, solar thermal energy conversion and photovoltaic conversion (Sunlight to electricity)we have refrigerator 50 to 300 Liter.



SOLAR ACCESSORIES

We have Solar Accessories like Solar mobile charger, Solar Lantern, solar fled lights, and solar fans and TV. Solar cables Fitting and accessories, solar home lighting systems.



SOLAR HOME KITS







INDIA

INDIA

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