



SOLAR ENERGY POWER YOUR LIFE



REVOLUTIONARY PRODUCTS UTILIZING RENEWABLE ENERGY



A line of renewable energy powered products including solar battery chargers, solar and wind charge controllers, lithium chargers, and power inverters. We also carry a number of specialized back-up power solutions, including our innovative award winning Solar Home and RV Kit.

The technology and design in our products have been created with the customer in mind; we deliver energy efficient and environmentally conscious products that will give you the power and freedom to harness nature's cleanest and most abundant energy sources.

Our in-house expertise is always there to help you, we always make sure all of our customers are well taken care of by receiving the individual and personal attention they deserve. Our goal is that everyone finds working with us a pleasant experience. our number 1 priority is to build strong relationships with our partners and customers.

ENERGY IS FUNDAMENTAL TO THE WORLD'S ECONOMIES. WE WANT TO IMPROVE EVERYONE'S LIVING AND TRAVELING STANDARDS BY BRINGING THE POWER OF NATURE TO THE HANDS OF OUR CUSTOMERS AT THE MOST COMPETITIVE PRICES AND THE HIGHEST QUALITY ON THE MARKET.



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SOLAR POWER



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WIND POWER



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POWER CONVERSION



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SOLAR LAWN & GARDEN PRODUCTS



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EMERGENCY POWER & BACK UP POWER KIT



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FAQ



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HIGH OUTPUT CRYSTALLINE SOLAR PANELS

SOLAR BATTERY CHARGERS

These solar panels require and work best with the Nature Power brand Charge Controllers

- High output Crystalline Solar Panels to charge your batteries and help run appliances.
- Works with all types of rechargeable 12V batteries. Includes wiring, quick connect adapter and mounting hardware.
- 25 year power generation warranty.

Accessories Included
Install ready
Do it yourself



	ITEM#	Description	Power Rating	L X W X H
A	50092	90 WATT MONOCRYSTALLINE SOLAR PANEL	90W/5.14A	33.4 x 26.3 x 1.1 in
B	50111	100 WATT POLYCRYSTALLINE SOLAR PANEL WITH 11A CHARGE CONTROLLER	100W/5.74A	40.2 x 26.4 x 1.4 in
C	53000	110 WATT MONOCRYSTALLINE SOLAR PANEL WITH 11A CHARGE CONTROLLER	110W/5.81A	39.7 x 26.6 x 1.38 in
D	50262	330 WATT MONOCRYSTALLINE SOLAR PANEL	330W/18.86A	(2x) 57.8 x 26.3 x 1.4 in
	50162	165 WATT MONOCRYSTALLINE SOLAR PANEL	165W/9.43A	57.8 x 26.3 x 1.4 in
	53180	180 WATT MONOCRYSTALLINE SOLAR PANEL	180W/9.51A	57.8 x 26.3 x 1.4 in
	50202	200 WATT MONOCRYSTALLINE SOLAR PANEL	200W/9.62A	57.8 x 26.3 x 1.4 in
	50215	215 WATT MONOCRYSTALLINE SOLAR PANEL	215W/9.85A	57.8 x 26.3 x 1.4 in

Noted: #50262 = 2 x #50162

25
YEAR
LIMITED
WARRANTY

60AMP MPPT SOLAR CHARGE CONTROLLER

- MPPT charge efficiency is greater than traditional PWM charge efficiency by about 15% ~20%.
- MPPT Tracking efficiency can be as much as 99.9%.
- Preset a variety of battery types: lithium / sealed / colloidal / open batteries and self- definition.
- With charging line loss compensation, the voltage of the battery terminal can be accurately controlled.
- Available for 12V/24V/36V/48V battery system

item #: 60062



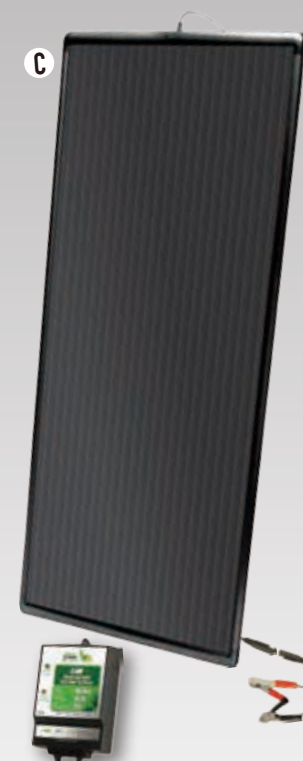
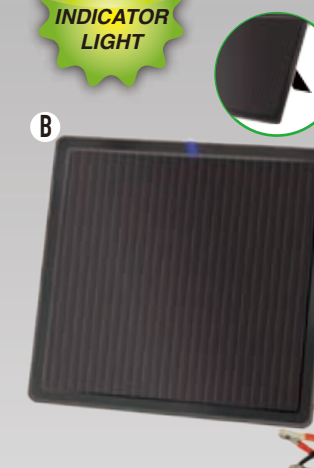
1
YEAR
LIMITED
WARRANTY



CHARGING
INDICATOR
LIGHT

WORKS IN LOW
LIGHT CONDITIONS

5
YEAR
LIMITED
WARRANTY



AMORPHOUS SOLAR BATTERY MAINTAINERS & TRICKLE CHARGERS

- For cars, great for power sport vehicles, trucks/SUVs, boats, RVs and more.
- Amorphous solar technology can produce output in most lighting conditions.
- Weather resistant for outdoor use.
- 5 year power generation warranty.

	ITEM#	Description	Power Rating	L X W X H
A	42015	1.5 WATT SOLAR BATTERY MAINTAINER	Up to 1.5W/83mA	13.9 x 3.9 x 0.5 in
B	42075	7.5 WATT SOLAR BATTERY TRICKLE CHARGER	Up to 7.5W/400mA	13.3 x 13.3 x 0.7 in
C	42022	22 WATT SOLAR BATTERY CHARGER KIT INCLUDES: 8 AMP CHARGE CONTROLLER	Up to 22W/1300mA	30 x 12.8 x 0.6 in



item #: 60008



item #: 60011




item #: 60032


30AMP SOLAR CHARGE CONTROLLER

- Protects battery from overcharging and high voltage surges.
- Use with any 12V solar panel system.
- Automatic cut-in and cut-out maintenance-free operation.
- Easy to read LED light indicators show battery "charged" or battery "charging".

- Pre-set charging modes available for most common battery types
- Automatic recognition of 12V/24V battery system.
- Provides multiple load control mode options.
- Industrial grade design with reverse polarity protection.
- 5V 1A USB outlet provides charging for mobile devices.
- APP "ChargePro" monitoring and operation.

1
YEAR
LIMITED
WARRANTY

LIGHT WEIGHT

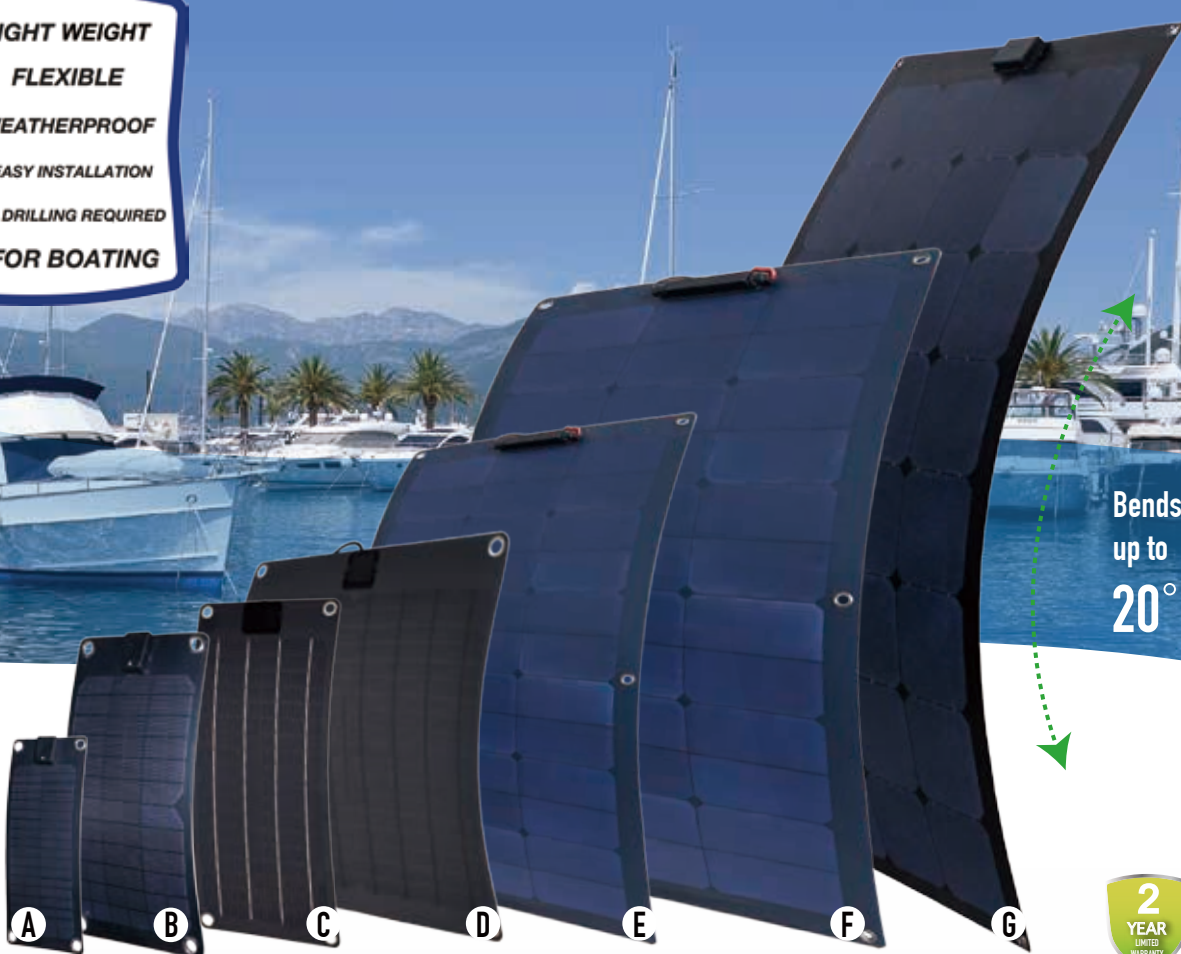
FLEXIBLE

WEATHERPROOF

EASY INSTALLATION

NO DRILLING REQUIRED

GREAT FOR BOATING

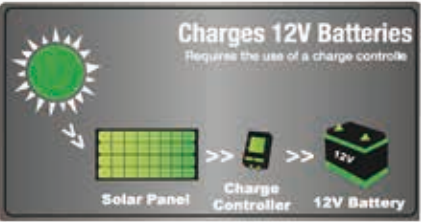


Bends up to 20°

2 YEAR LIMITED WARRANTY

SEMI-FLEX MONOCRYSTALLINE SOLAR PANELS

- Semi-Flexible panels are weather, water and corrosion resistant making them a perfect option for marine applications, RVs, camping and emergency back up.
- These panels can continuously recharge your 12V batteries with the power of the sun. Light enough to mount on a window with suction cups and durable enough to mount permanently outdoors on a range of vehicles.



	ITEM#	Description	Power Rating	W X L X H
A	56801	3 WATT SEMI-FLEX	3W / 168 mA	5.08 x 11.26 x 0.07 in
B	56802	5 WATT SEMI-FLEX	5W / 280 mA	7.1 x 11.6 x 0.07 in
C	56808	8 WATT SEMI-FLEX	8W / 445mA	7 x 13.4 x 0.07 in
D	56701	15 WATT SEMI-FLEX	15W / 842mA	14.7 x 14.7 x 0.07 in
	56704	15 WATT SEMI-FLEX + 8 AMP CHARGE CONTROLLER	15W / 842 mA	14.7 x 14.7 x 0.07 in
E	56735	35 WATT SEMI-FLEX (SUN FORCE CELLS)	35W / 1.76A	16.9 x 23.1 x 0.07 in
F	56760	60 WATT SEMI-FLEX (SUN FORCE CELLS)	60W / 3.03A	17.3 x 32.9 x 0.07 in
	56710	100 WATT SEMI-FLEX	100W / 5.88A	22.5 x 43 x 0.07 in
G	56780	180 WATT SEMI-FLEX (SUN FORCE CELLS)	180W / 9.09A	32.2 x 48 x 0.07 in

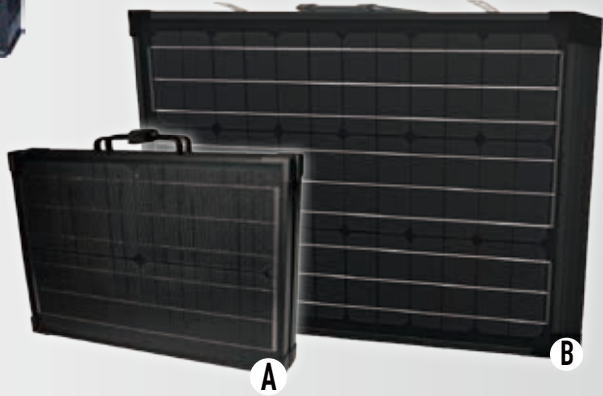


SUNPOWER®



HIGH OUTPUT BRIEFCASE SOLAR BATTERY PANELS

- Briefcase style solar panel easily folds up and includes a convenient handle for transporting and storing.
- Equipped with aluminum frame making it durable and sturdy. Includes a pop-out tripod mount for the optimal angle to collect the suns rays.
- Three sizes available:
40 Watt (equipped with two 20W monocrystalline),
80 Watt (equipped with two 40W monocrystalline),
120 Watt (equipped with two 60W monocrystalline).
- Optional adaptors available to fit zamp and furrrion specific plugs.



Each Model Includes



Optional



	ITEM#	DESCRIPTION	POWER RATING	L X W X H(OPEN)
A	55701	40 Watt Briefcase Solar Panel	18V/2.22A	30.7 x 16.7 x 1.1 in
B	55704	80 Watt Briefcase Solar Panel	18V/4.32A	40.9 x 21.6 x 1.5 in
C	55702	120 Watt Briefcase Solar Panel	18V/6.67A	41.3 x 32.8 x 1.5 in

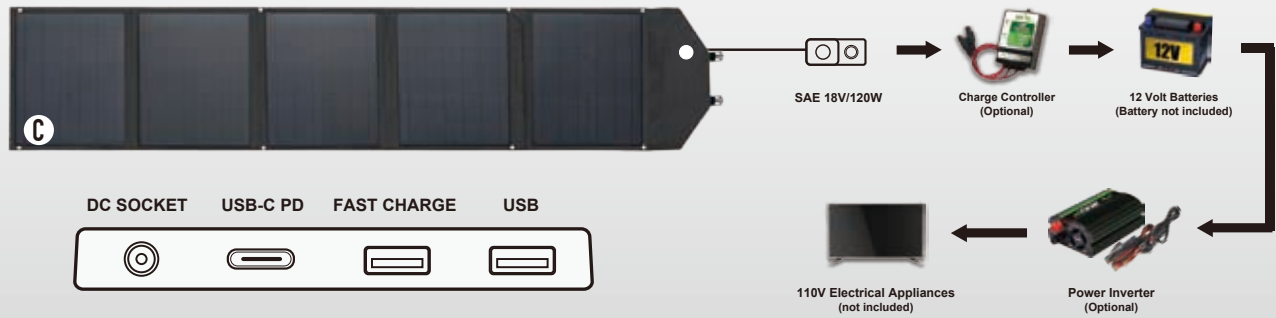
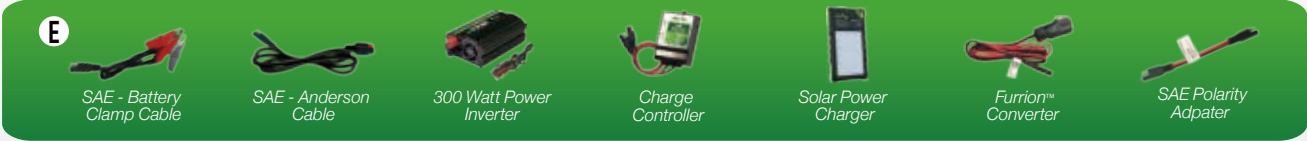


Monocrystalline Folding Solar Panel

40W 80W 120W

120 WATT PORTABLE FOLDING SOLAR PANEL

- Built in Multiple DC Outputs Including USB / USB-C Fast Charge For Charging Most Of The Portable Devices
- Light Weight And Portable High Power Monocrystalline Solar Panel Charging Most of Your 12V Batteries
- Great for Hiking, Camping, Boating, RV's, Outdoor And Emergency Preparedness
- Pop Out Stand For Optimal Angle Receiving Sunlight
- Plug n Play - Ready to Use



40 / 80 WATT PORTABLE FOLDING SOLAR PANEL

- Light Weight And Portable High Power Monocrystalline
- Solar Panel Will Charge Most 12 volt Batteries and Solar Generators/Power Packs
- Great for Hiking, Camping, Boating, RV's, Outdoor And Emergency Preparedness
- Weatherproof making them great for marine and outdoor
- Multiple cables included to charge the RV's and batteries
- Plug n Play - Ready to Use



Included



ITEM#	Description	W X L X H
A 55040	40 WATT PORTABLE FOLDING SOLAR PANEL	49.4 x 1.2 x 13 (Extend)
B 55080	80 WATT PORTABLE FOLDING SOLAR PANEL	54 x 1.2 x 26.2 (Extend)
C 55120	120 WATT PORTABLE FOLDING SOLAR PANEL	80 x 0.2 x 16.4 (Extend)
E 55120K	120 WATT PORTABLE FOLDING SOLAR PANEL KIT	80 x 0.2 x 16.4 (Extend)





72 WATT SOLAR FARM AND COTTAGE POWER KIT

4 x Amorphous Solar Panels

- Inverter Included Converts your Battery Power to Household AC Power
- Add Additional Solar Panels for Faster Charging
- Plug n Play - Ready to Use
- Dimensions of each panel: 12.8 x 30.2 x 0.6 in.
5 year limited warranty on panels,
1 year limited warranty on inverter.

item #: 40060

INCLUDED



Great for Cottages, Cabins, RV's, Sheds, Emergency back-up power and more!



ITEM#	POWER	CONTROLLER	WEIGHT	ROTOR DIAMETER	BLADES MATERIAL	VOLTAGE
A 70501	500W	BUILT IN MPPT CONTROLLER	14.8 LBS	47.2"	CARBON FIBER	12V/24V
B 70701	2000W	BUILT IN MPPT CONTROLLER	38 LBS	69.9"	CARBON FIBER	24V/48V

66 WATT SOLAR POWER KIT

3 x Amorphous Solar Panels

- Inverter Included Converts your Battery Power to Household AC Power
- Add Additional Solar Panels for Faster Charging
- Connecting Cable included, Plug n Play - Ready to Use
- 5 year limited warranty on panels,
1 year limited warranty on inverter.

item #: 40066



INCLUDED



66 Watt Power Kit
On a RV's

500 & 2000 WATT WIND GENERATORS

- These wind generators efficiently harness wind energy 24/7.
- High-quality marine-grade coating and construction provide versatility on both land & sea environments.
- Maximum power is reached at 31 mph wind speed for 500 Watt generator, 45 mph wind speed for 2000 Watt generator.
- 500 watt and 2000 watt model includes build in MPPT controller to optimizes output voltage.



BUILT IN MPPT



INVERTER/CHARGERS

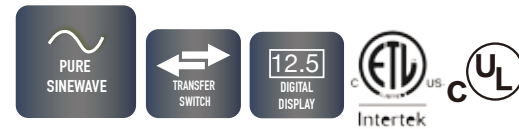
With true sine wave output, these Inverter/Chargers run entertainment systems flawlessly. Temperature controlled, multistage charging ensures safe, efficient battery recharging. UL and CSA certified.

2000 WATT/55AMP INVERTER CHARGER

Includes detachable display remote and automatic transfer switch. 4000 Watts surge capacity.

3000 WATT/150AMP INVERTER CHARGER AND REMOTE CONTROL PANEL

Remote control with large keypad buttons and backlit display shows system configuration and diagnostics information. Includes automatic transfer switch and 30' network cable. 6000 Watts surge capacity.



PURE SINE WAVE {PSW} INVERTERS

Sine wave output is equivalent to utility power to run sensitive electronics, audio/video components, printers and battery chargers. Portable inverters are ideal for use in trucks and RVs.

- USB port lets you recharge smart phones and other devices.
- Features high surge capacity for loads that are difficult to start.
- Protections include overload and high temperature shutdown, over-voltage, low voltage alarm and low voltage shutdown.
- Certified to UL, CSA & ETL standards.

MODIFIED SINE WAVE {MSW} INVERTERS

High-efficiency portable inverters convert virtually all of the battery's available power to AC current.

- High surge capacity for loads that are difficult to start.
- USB port on 1000 Watt and 1500 Watt models lets you recharge smart phones and other devices.
- Certified to UL, CSA & ETL standards.



item #: 30058

ITEM#	Description	L X W X H
A 38326	2000 WATT / 55 AMP 12V INVERTER CHARGE	18 X 8.25 X 4.5 in
B 38330	3000 WATT / 150 AMP 12V INVERTER CHARGE	16 X 11.5 X 8 in



ITEM#	Description	Surge Capacity	L X W X H
C 38304	400 WATT PURESINE 12V INVERTER	800 WATT	6.5 X 4 X 2.75 in
38310	1000 WATT PURESINE 12V INVERTER	2000 WATT	15.5 X 8.75 X 4.25 in
38320	2000 WATT PURESINE 12V INVERTER	4000 WATT	16.3 X 9.1 X 4.3 in



ITEM#	Description	Surge Capacity	L X W X H
D 38204	400 WATT MSW 12V INVERTER	800 WATT	4 x 6 x 2 in
38210	1000 WATT MSW 12V INVERTER	2000 WATT	12.3 x 6.9 x 3.4 in
38215	1500 WATT MSW 12V INVERTER	3000 WATT	15 x 6.9 x 3.4 in
38331	3000 WATT MSW 12V INVERTER	6000 WATT	19 x 9 x 4.75 in

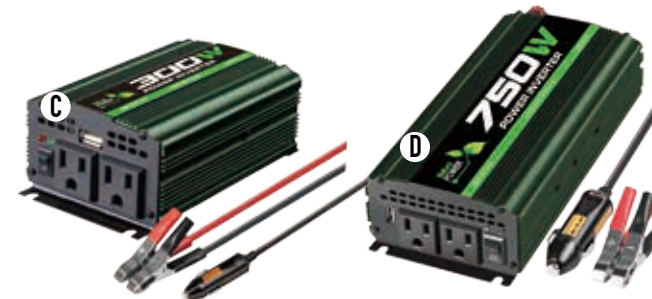
5.8 AMP AC TO DC CONVERTER

- The 5.8 Amp AC to DC converter, converts 110V AC to 12V DC.
- Makes it possible to use 12V DC products or appliances at home, in the office or on the road.
- Use with any 12V product that requires 5.8 amps or less, great for laptops, cell phones, coolers, fans and more.

100/150 WATT MODIFIED SINE WAVE INVERTERS

High-efficiency portable inverters convert virtually all of the battery's available power to AC current.

- 1 x AC Outlet charging computers, runs fan, small power tools and more.
- 2 Amp USB outlet charges tablets, phones and most portable electronics.
- 100/150 Watt continuous output, 200/300 watts surge.
- Compact – easily stores in any vehicle or purse.



ITEM#	Description	Surge Capacity	L X W X H
A 37150	150 WATT MSW 12V INVERTER	300 WATT	2.5 x 2.3 x 5.4 in
B 37100	100 WATT MSW 12V INVERTER	200 WATT	2.4 x 1 x 5.3 in
C 37300	300 WATT MSW 12V INVERTER	600 WATT	6.1 x 3.5 x 2.2 in
D 37750	750 WATT MSW 12V INVERTER	1500 WATT	9.6 x 4.21 x 2.13 in
38300	300 WATT MSW 12V INVERTER	600 WATT	6.7 x 4.1 x 2.2 in
37001	1000 WATT MSW 12V INVERTER	2000 WATT	7.3 x 5 x 3 in
37002	2000 WATT MSW 12V INVERTER	4000 WATT	9.7 x 9.6 x 3.6 in
37003	3000 WATT MSW 12V INVERTER	6000 WATT	13.3 x 10.4 x 4.6 in
37005	5000 WATT MSW 12V INVERTER	10K WATT	18.7 x 10.4 x 4.6 in
37015	1500 WATT MSW 12V INVERTER	3000 WATT	8.27 x 6.7 x 3.54 in
37120	120 WATT MSW 12V INVERTER	200 WATT	2.8 x 1 x 3.7 in
37200	200 WATT MSW 12V INVERTER	400 WATT	5.8 x 3.5 x 2.2 in
37400	400 WATT MSW 12V INVERTER	800 WATT	6.7x 4.1 x 2.2 in
38001	1000 WATT PSW 12V INVERTER	2000 WATT	11.6 x 4.9 x 3 in
38002	2000 WATT PSW 12V INVERTER	4000 WATT	10.4 x 9.7 x 3.6 in

300/750 WATT MODIFIED SINE WAVE INVERTERS

High-efficiency portable inverters convert virtually all of the battery's available power to AC current

- 2 x AC outlets allow you to run multiple devices at the same time.
- Runs home appliance, TVs, power tools and more.
- Comes with both DC plug and battery clamps.
- 300/750 Watt continuous output, 600/1500 watts surge.
- Compact size.





18 WATT FOLDING SOLAR PANELS

- Charge laptops directly using the included adaptors, the included 10 laptop adaptor plugs will work with most laptops and notebooks for direct charging while on the go.
- Battery clamps are included for charging 12V batteries.
- Easy to use with plug-n-play connections.
- Weatherproof making them great for marine and outdoor use.



ITEM#	DESCRIPTION	POWER RATING	SIZE FOLDED L x W x H
55020	18 WATT FOLDING PANEL WITH 8A CHARGE CONTROLLER	18W / 1A	7 x 6.6 x 2 in



POWER BANK ELITE 25

- Contains 3 USB ports: two 2.1A and one 1A.
- Integrated AC Outlet Great for Low Powered Appliances
- Portable and Lightweight Making Great for Travel



CHARGE 4 DEVICES AT THE SAME TIME



ITEM#	DESCRIPTION	WEIGHT	CAPACITY
80026	POWER BANK ELITE 25	2.2 LBS	25000 mAh



POWER BANK AND FOLDING SOLAR PANEL KITS

The folding solar panel will directly charge your Power Bank during sunny days while the Power Bank will hold the charge to use when you need it.



ITEM#	DESCRIPTION	TOTAL WEIGHT
55026	POWER BANK ELITE 25 + 18 WATT PANEL	4.7 LBS



SOLAR POWERED SMARTPHONE CHARGER

- Uniquely constructed with integrated Li-polymer 8000mAh battery, high efficient monocrystalline solar panel
- Features of waterproof, dustproof, shockproof.
- Strong and weak LED light mode, SOS, currency detector.
- Weather resistant, great for outdoor.
- Super bright 6000K, 20 Pcs of white LED.
- 2.1A and 1A dual USB output.
- 3in1 charging cable included.



item #: 80082



205 LED TRIPLE HEAD SOLAR SECURITY LIGHT

- Illuminates even in the darkest of areas with the 205 LED.
- 3 adjustable setting; motion distant, light sensitivity and light time duration.
- Night light mode with low lumens.
- A red LED light is used to mimic the camera.
- Detects motion within a 120-degree angle and a distance up to 40 feet.
- No wiring required which makes this motion security light easy to setup anywhere.
- Weather resistant and extremely low maintenance.
- 1-year limited warranty.

item #: 22245

(((Motion Activated)))



LOW LUMEN
NIGHT LIGHT

1600
lumen

HANGING SOLAR SHED LIGHT

- Includes a key ring remote controller. Ideal for any outdoor building such as a shed, garage, barn, tree house or anywhere electrical access is limited.
- Run up to 8 hours on a full charge.
- 4 super bright LED that are 100x brighter than standard LEDs.
- Change to low or high with the click of a button.
- Can adjust hanging length from 7-32 inches.
- 1-year limited warranty.



90
lumen

item #: 21030



60 LED SOLAR SECURITY LIGHT

- Illuminates even in the darkest of areas with the 60 LED.
- 3 adjustable setting; motion distant, light sensitivity and lit time duration.
- Detects motion within a 120-degree angle and a distance up to 40 feet.
- No wiring required which makes this motion security light easy to setup anywhere.
- Weather resistant and extremely low maintenance.
- 1-year limited warranty.

item #: 22050



(((Motion Activated)))

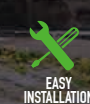


CORNER
MOUNT

120 LED SOLAR SECURITY LIGHT

- Has corner mount and flat surface mount option.
- Illuminates even in the darkest of areas with the 120 LED.
- 3 adjustable setting; motion distant, light sensitivity and light time duration.
- Detects motion within a 120-degree angle and a distance up to 40 feet.
- No wiring required which makes this motion security light easy to setup anywhere.
- Weather resistant and extremely low maintenance.
- 1-year limited warranty.

item #: 23401



(((Motion Activated)))



800
lumen

600
lumen



SOLAR SECURITY LIGHT 600

- COB (Chips On Board) the latest LED Technology.
- Dual lamp solar powered light provides security lighting to the areas of your home with no wiring needed.
- The dual heads can be adjusted to any angle giving you flexibility in the coverage area.
- Detects motion from a 120-degree angle and a distance up to 40 feet.
- 3 adjustable settings; motion distance, light sensitivity and light duration.
- 1-year limited warranty.

item #: 22060

500
lumen



SOLAR SECURITY LIGHT 500

- This single lamp COB light is ideal for smaller spaces.
- Super bright white COB LED provides security light to only areas where and when its needed.
- Detects motion from a 120-degree angle and a distance up to 40 feet.
- 3 adjustable settings; motion distance, light sensitivity and light duration.
- 1-year limited warranty.

item #: 22260

1500
lumen



ELEGANT WHITE
CASING

144LEDs

SOLAR SECURITY LIGHT 1500

- Illuminates even in the darkest of areas with the 144 LED.
- 3 adjustable setting; motion distant, light sensitivity and light time duration.
- Detects motion within a 120-degree angle and a distance up to 40 feet.
- No wiring required which makes this motion security light easy to setup anywhere.
- It is weather resistant and making it extremely low maintenance.
- 1-year limited warranty.

item #: 22266

1200
lumen



SOLAR SECURITY LIGHT 1200

- COB (Chips On Board) the latest LED Technology.
- Triple lamp solar powered light provides security lighting to the areas of your home with no wiring needed.
- The triple heads can be adjusted to any angle giving you flexibility in the coverage area.
- Detects motion from a 120-degree angle and a distance up to 40 feet.
- 3 adjustable settings; motion distance, light sensitivity and light duration.
- 1-year limited warranty.

item #: 22263



EASY
INSTALLATION



WORKS IN LOW
LIGHT CONDITIONS



WEATHER
RESISTANT



NO COMPLICATED
WIRING

(((Motion
Activated)))

Features of the 4 security lights

ITEM#	Description
22052	60 LED SOLAR SECURITY LIGHT -2PACK
22267	SOLAR SECURITY LIGHT 1500 -2PACK
22242	SOLAR SECURITY LIGHT 1600 -2PACK
22907	SOLAR SECURITY LIGHT 1000 -2PACK



item #: 22043

30 Ft 12 Socket Solar LED String Lights

- Lights run up to 12 hours with a full charge.
- Charges in low light conditions.
- Water-resistant design.
- 4 x working mode Bright / Dim / Flashing and Pulsating
- 30 Ft strong waterproof wire with 12 replaceable bulbs
- IPX5 rating which great for outdoor use.

SOLAR STRING LIGHTS

These solar string lights provides decorative lighting without the constraints and costs of traditional lights. There is no wiring required which makes these lights easy to setup anywhere.

- Run up to 8 hours with a full charge.
- Charges in low light conditions.
- Water-resistant design.
- 9 bulbs each set.

item #: 22044



40
lumen

SOLAR FLAG LIGHT

- Equipped with 4 super bright LED.
- Both the light and solar panel have an easy to adjust angle control to point in the right direction.
- Turns on automatically, run up to 12 hours on a full charge.
- Fits pole diameters from 1" to 4" in diameter.
- The lamp head is made of aluminum, and the body of ABS, easy to maintain and weather resistant.
- 1-year limited warranty.



item #: 22015



250
lumen
20 LEDs

2
PACK

SOLAR MOTION SENSOR LIGHT

- 20 super bright white LED.
- The light turns on when motion detected at night.
- Solar panel charge internal rechargeable batteries.



item #: 24201



80
lumen

INDOOR/OUTDOOR SOLAR LIGHT

- Requires no wiring.
- Uses a long-lasting LED light bulb technology .
- Great for any outdoor or even indoor task that needs extra light.
- Great companion to take camping and can also be used for emergency lighting.
- 1-year limited warranty.



item #: 24801

SOLAR STEP LIGHTS SOLAR PATHWAY LIGHTS

- Perfect for illuminating pathways, stairs, walkways, docks and decks.
- Mounting kit included.
- The integrated solar cell located on the top of each light recharges the included battery during the day.
- An internal photo-sensor ensures the lights turn on at night and off during the day.
- Can shine up to 8 hours through the night.
- The stainless steel construction is resistant to wear and corrosion.

ITEM#	Description
A 21060	SOLAR STEP LIGHTS-2 PACK
21062	SOLAR STEP LIGHTS-4 PACK
B 21070	SOLAR PATHWAY LIGHTS -2 PACK
21072	SOLAR PATHWAY LIGHTS-4 PACK



BAYPORT SOLAR LAMP

A

150
lumen

Path Lighting

6.2ft / 1.9m



B



Wall Mount

3" Post Mount

Pillar Mount

These post lamps are powered by the sun, so there is no cost to run. Solar power collects and charges the batteries which charge the LED lights. Simply place the lamp outdoors in a location where the solar panels will receive direct sunlight. At night, the automatic sensor will automatically turn the lights on.

- Solar powered outdoor lamp perfect for walkways, yards, driveways, decks and other outdoor living spaces.
- Runs for up to 8 hours on a single charge.
- No wiring needed.
- Natural white LED.
- Rechargeable battery pack included.
- Lamp post made of durable weather resistant aluminum.



ITEM#	Description	L X W X H
A 23106	BAYPORT SOLAR LAMP	8.75 X 8.75 X 75 in
B 23206	BAYPORT SOLAR LAMP W/MOUNTS	11 x 11 x 13 in
C 23107	TERRACE SOLAR LAMP POST AND PLANTER	16 x 16 x 84 in
D 23990	SOLAR FLAME LIGHT	4.5 x 4.5 x 15 in 4.5 x 4.5 x 20 in

TERRACE SOLAR LAMP POST AND PLANTER

31
lumen

C

Go Solar with the fashionable 7-foot tall flicker solar powered lamp. Capture the energy of the sun to create a distinctive nighttime allure for your pathway, walkway or garden area. the lamp is able to withstand nature's elements without losing its luster. All wrapped in a timeless design for years of outdoor lighting pleasure.

- Magnesium alloy Construction.
- Frosted glass.
- Plastic flower pot: 46.5*36cm.
- No wiring needed.
- Warm yellow LED.
- Three sections of light pole.
- Rechargeable Battery pack included.



2 FLOWER BASE NOT INCLUDED

7ft / 2.1m

7ft / 2.1m



SOLAR FLAME LIGHT

- Invention & utility & design patent with global PCT protection.
- Unique innovative flame mode. use diffuser to make the flame more lively and inspiring.
- Rotating buckle structure makes it easy to switch between lawn lamp and portable lamp.
- Two different working mode, optional for outdoor or indoor applications. It can be charged by Solar or USB(Micro USB), flexible to use.
- Use high-grade crystalline silicon solar panel in big size.
- Lithium battery with large battery capacity, guarantee longer lifespan.
- Anti-UV material to make the product strong and durable.
- IP65 waterproof and dust-proof.





200W Solar Panels x 6



800W Power Inverter



80Amp MPPT Charge Controller



4 in 1 SAE to Bare end Cable x2



Battery Clamp to Bare end cable



Mounting Z bracket x 6set



Connection terminal

NATURE POWER 1200 WATT COMPLETE SOLAR KIT

- Aluminum Frame, Rugged Design
- High Efficiency Solar Cells Power Up to 200W each panel.
- Continuously recharge your 12V batteries with the power of the sun. Includes mounting Z-brackets. Connect additional panels for a faster charge
- 25 year warranted to generate up to 80% of rated power
- MPPT charge efficiency is greater than traditional PWM charge efficiency by about 15% ~20%.
- MPPT Tracking efficiency can be as much as 99.9%.
- Preset a variety of battery types: lithium / sealed / colloidal / open batteries and self- definition.
- With charging line loss compensation, the voltage of the battery terminal can be accurately controlled.
- Available for 12V/24V/36V/48V battery system

item #: 53120



Connecting cable included



Detachable Control And Led Display
Makes The Controller Hidden Installation



Maximal Power Point Tracing system is an advanced charge technology where the operation state of the electric module is adjusted so that the solar battery can output more electric energy. Owing to the nonlinear characteristics of solar battery array, there is an array of maximal energy output point (maximal power point), the traditional controller (PWM) cannot maintain storage battery charging at this point. the solar controller with MPPT control technology can trace the maximal power point of the array to acquire the maximal energy to charge the storage battery. Compared with PWM controller, MPPT can improve energy utilization ratio by 15%~20%.



200W Solar Panels x 4



NATURE POWER 800 WATT COMPLETE SOLAR KIT

- Aluminum Frame, Rugged Design
- High Efficiency Solar Cells Power Up to 200W each panel.
- Continuously recharge your 12V batteries with the power of the sun. Includes mounting Z-brackets. Connect additional panels for a faster charge
- 25 year warranted to generate up to 80% of rated power
- MPPT charge efficiency is greater than traditional PWM charge efficiency by about 15% ~20%.

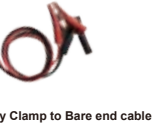
item #: 53280



Mounting Z bracket x 6set



4 in 1 SAE to Bare end Cable x2



Battery Clamp to Bare end cable



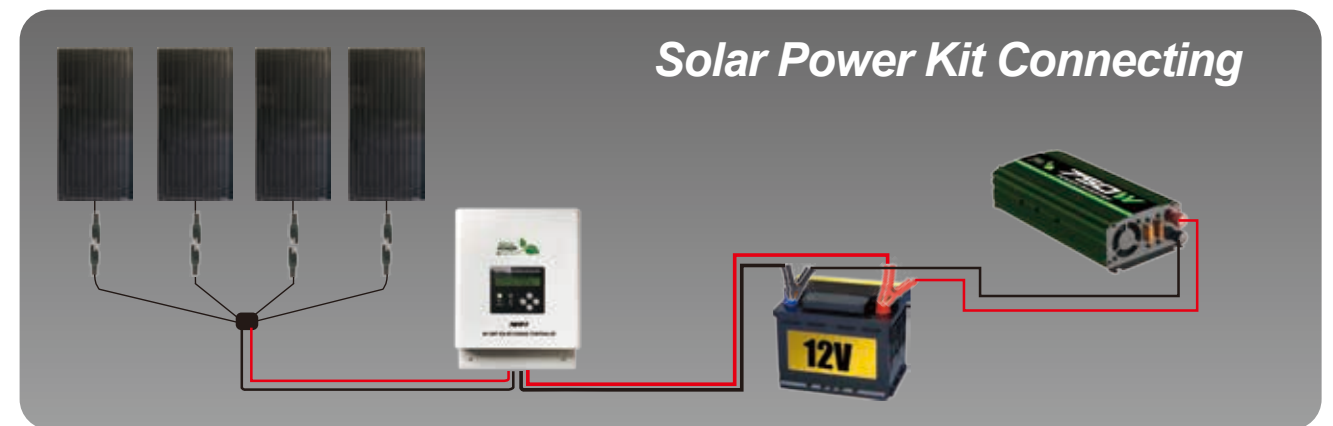
800W Power Inverter



60Amp MPPT Charge Controller



- 2 x AC Outlets and USB Charger Allow You to Run Multiple Devices at The Same Time
- Runs Home Appliance, TVs , Power Tools and More
- 800 Watts Continuous Output, 1600 Watts Surge
- Comes With Battery Connect Cables
- Compact Size



Solar Power Kit Connecting



NATURE POWER 110 WATT COMPLETE SOLAR KIT

1x110W crystalline solar panel equipped with heavy duty aluminum frames for strong weather resistance and permanent mounting. Freedom from noisy expensive gas generators, opt for silent and environmentally friendly solar power that can help you to become electrically independent. Great solar power kit to built your first power station.

- Comes with 11A digital charge controller
- Including solar kit connecting cables
- Equipped with DC-AC 300W power inverter and connecting cables
- Inverter has input/output protection
- 2XAC out put and a 5V/2A USB charger

item #: 53110



NATURE POWER 330 WATT COMPLETE SOLAR KIT

3x110W crystalline solar panel equipped with heavy duty aluminum frames for strong weather resistance and permanent mounting. Freedom from noisy expensive gas generators, opt for silent and environmentally friendly solar power that can help you to become electrically independent. Great solar power kit to built your first power station.

- Comes with 30A digital charge controller
- Including solar kit connecting cables
- Equipped with DC-AC 750W power inverter and connecting cables
- Inverter has input/output protection
- 2XAC out put and a 5V/2A USB charger



(The 53906 and 53907 includes these components)

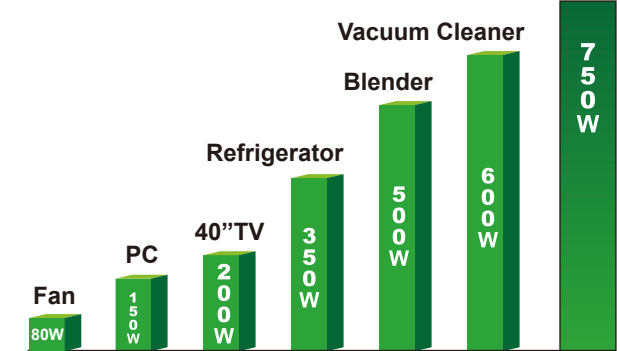
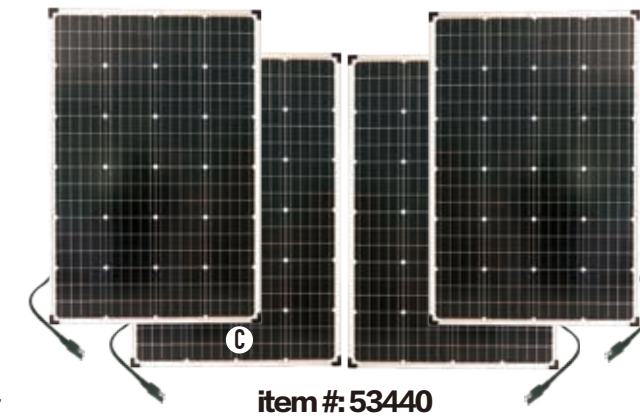


30 Amp Charge Controller



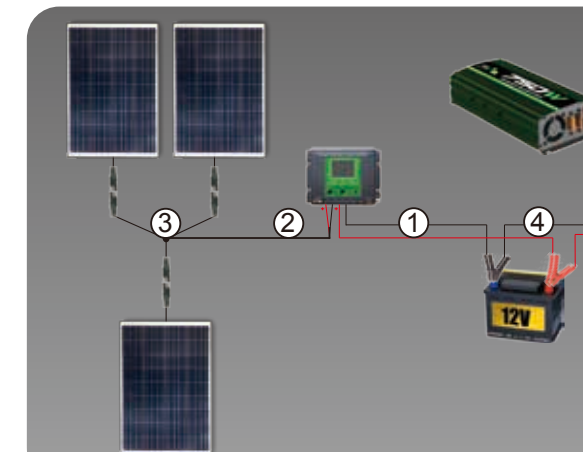
750 Watt Power Inverter

NATURE POWER 440 WATT COMPLETE SOLAR KIT



750W Inverters Can Run These Appliance

	ITEM#	SOLAR CELLS	SOLAR WATTAGE	INVERTER	CHARGE CONTROLLER	CONNECTING CABLE
A	53905	Polycrystalline	1x100W	MSW 300W	11 Amp	Included
B	53906	Polycrystalline	3X100W	MSW 750W	Digital 30 Amp	Included
C	53907	Polycrystalline	4x100W	MSW 750W	Digital 30 Amp	Included
	53110	Monocrystalline	1x110W	MSW 300W	11 Amp	Included
	53330	Monocrystalline	3X110W	MSW 750W	Digital 30 Amp	Included
	53440	Monocrystalline	4x110W	MSW 750W	Digital 30 Amp	Included
	50201	Monocrystalline	1x200W	MSW 400W	Digital 13 Amp	Included



HOW DO SOLAR SYSTEM CONNECTED

Step1: Connect the charge controller to battery with SAE-battery clamp cable.

Step2: Connect the SAE-Bare end cable to charge controller.

Step3: Connect solar panels with the 4 in 1 SAE cable

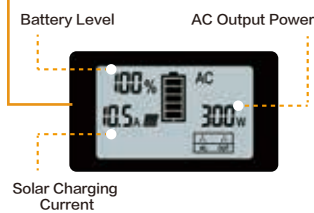
Step4: Connect the 750 Watt power inverter to battery by "bare end - battery clamp" cable which included as the inverter accessories.



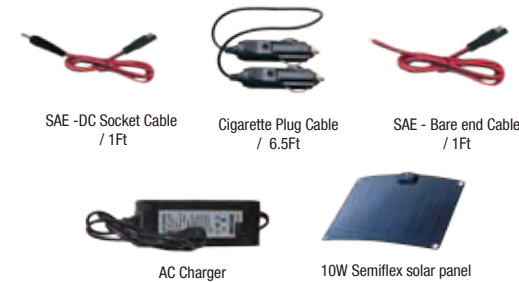
item #: 40500

500 WATT PURESINE SOLAR POWER GERNERATOR

- 500 watt puresine output, 1000 watts surge capacity. Powers most appliances including medical equipment
- Lithium batteries 80% lighter than lead-acid and longer lasting, lightweight with minimal discharge
- 2 x 110 volt AC plugs, DC outlet, multiple high-speed USB and USB-C outputs
- 24 month warranty on generator and 5 year power generation on solar panel
- Rugged composite resin with reinforced shell design charging solution.

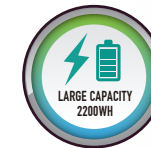


item #: 41000



1000 WATT PURESINE SOLAR POWER GERNERATOR

- 1000 watt puresine output, 2000 watts surge capacity. Powers most appliances including medical equipment
- 2200WH super large battery capacity, Lithium batteries 80% lighter than lead-acid and longer lasting, lightweight with minimal discharge
- 4 x 110 volt AC plugs, DC outlet, multiple high-speed USB and USB-C outputs
- 24 month warranty on generator and 5 year power generation on solar panel
- Rugged composite resin with reinforced shell design charging solution.



CHARGING								
DEVICES	Work light (100W/AC)	Drone (90W/AC)	Fan (60W/AC)	Laptop (30W/AC)	Portable Fridge (60W/DC)	Light (30W/DC)	Smartphone (18W/DC)	Motion camera (5W/DC)
RUNTIME (1000W Model)	Approximately 20 Hours	Approximately 20 Hours	Approximately 32 Hours	Approximately 48 Hours	Approximately 36 Hours	Approximately 48 Hours	Approximately 120 Charges	Approximately 220 Charges
RUNTIME (500W Model)	Approximately 5 Hours	Approximately 5 Hours	Approximately 8 Hours	Approximately 12 Hours	Approximately 9 Hours	Approximately 12 Hours	Approximately 30 Charges	Approximately 55 Charges



1800 WATT SOLAR HOME & RV KITS

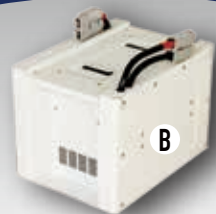
Complete emergency back-up kits that include everything you need to install your solar panels for green power anytime and anywhere. These environmentally friendly, silent operation kits can be used without the disturbance of using dirty fuels and fumes like generators. These kits are easy to setup with their plug-n-play connections. Convenient renewable power for any application; RVs, camping, backup power and more. Kits include internal transfer switch, SLA battery, inverter sizes vary, extension cable and internal solar charge controller. 1800 Watt unit is modular allowing for additional auxiliary battery to expand your battery power.

- 1800 Watt stable power.
- Internal transfer switch ensures uninterrupted power during outages.
- Internal charge controller for solar panel.
- LCD display.
- Recharge unit via AC or solar power.

A



B



**ADDITIONAL BATTERIES
FOR MORE STORAGE
CAPACITY!**

ITEM#	Description	L X W X H
A 40400	1800 WATT WITH 2X20 WATT SOLAR PANEL	19.5 X 15.7 X 19.1 in 14.4 x 16.1 x 1 in (panel)
B 40401	AUXILIARY BATTERY	19.5 x 15.7 x 14 in
40404	400 WATT SOLAR HOME KIT	13.3 X 9.3 X 13.2 in
40402	1800 WATT SOLAR HOME KIT	19.5 X 15.7 X 19.1 in

How do solar system work?

The panel's photovoltaic cells convert the energy in sunlight to electricity, the electricity is then stored in the battery and an inverter will allow you to plug in appliances. there is 4 major components needed to set up your solar off grid system. Solar panels, charge controller to control the charge to the battery bank, a battery for power storage and an inverter to transfer DC power from the battery to an AC power.

Do I need a battery to store power in the solar system?

Yes, a battery is needed to store the power from the solar panel, the inverter will also connect to the battery.

What size battery can I use?

The amount of battery storage you need is based on your energy usage. Energy usage is measured in Watts or kilowatt hours over a period of time. You can use any size battery, best used with Deep Cycle batteries.

How to use a charge controller?

Charge controllers are required for installations of solar systems arrays that are rated 12 Watts and higher. Charge Controllers help to protect the battery(s) and solar panel(s) from harmful reverse currents, battery over charging and high wattage surges, addition protections are found on larger charge controllers. Nature Power Products offers charge controllers from 8Amp-32Amp. One Charge Controller can regulate multiple solar panels.

How should my solar panels be positioned in order to produce the most power?

In the Northern Hemisphere, The best direction to face solar panels is south. However, using your judgment in figuring out which location gets the most sun, would be helpful.

Does the panels need to be in direct sun to work?

No, although solar panels produce the highest wattage output in direct sunlight, they will still produce power on cloudy days.

Will I need solar maintenance?

Solar panels generally require very little maintenance. They are very durable but should always be cleaned to prevent dust and debris particles from causing shading on the solar panels. batteries might need to be changed every few years.

On what roof materials can solar be installed?

Solar panels can be installed on any roof material that can take the weight of the panel. properly mounted solar panel system is essential, as a an improperly mounted solar panel can cause leaks or other roof issues.

Weekly Power Chart

All run times/ratings are estimates only and may vary depending on your location, time of day, time of year and are based on 7 Hours of full sunlight per day.

Solar panel Rated Hourly (Maximum output)	110W	220W	330W	440W
	5.81Amp	11.62Amp	17.43Amp	23.24Amp
Weekly Output	5.39Kw-h	10.78Kw-h	16.17Kw-h	21.56Kw-h
Weekly Power Run Time				
Fluorescent Light 40 watts	134 hr	268 hr	402 hr	536 hr
Laptop 20-50 watts	107 hr	214 hr	321 hr	428 hr
Fan 80 watts	67 hr	134 hr	201 hr	268 hr
PC 80-150 watts	36 hr	72 hr	108 hr	144 hr
40" Television/ Projector 200 watts	27 hr	54 hr	81 hr	108 hr