

POWERING THE FUTURE
WITH SUSTAINABLE ENERGY

GCC ENERGY



PRIDE OF EMIRATES INDUSTRY



GCC ENERGY GROUP

SHED 12, UNITS 2, 3, & 4 AL HAMRA INDUSTRIAL ZONE - FZ RAS AL KHAIMAH-UAE





GCC ENERGY

WELCOME TO GCC ENERGY GROUP

GCC Energy Group is a leading solar panel UAE manufacturer with a mission to make solar energy accessible to all, uses cutting-edge technology and sustainable practices to produce efficient and reliable panels built to last.



GCC Energy Group, based in the Emirate of **Ras Al Khaimah-UAE**, is a leading solar company founded in 2020. Our experienced team designs, manufactures, and installs trusted panels worldwide. We proudly uphold innovation, sustainability, and quality.



At **GCC Energy Group**, we believe that solar energy has the power to transform the way we live, work, and power our world.

By harnessing the energy of the sun, we can reduce our reliance on fossil fuels, cut our carbon emissions, and create a cleaner, healthier planet for generations to come.

Whether you're a homeowner looking to save money on your energy bills, a business owner looking to reduce your carbon footprint, or an organization looking to make a positive impact on the environment, we're here to help.

MADE IN UAE





A BRIGHT AND EXCITING JOURNEY



LEADING THE FUTURE WITH INTELLIGENT MANUFACTURING



We are a fast-growing **solar energy company** delivering reliable and sustainable solar solutions worldwide. We utilize the latest manufacturing technologies and materials and have established factories around the world. Our in-house logistics ensure that every step of the process is well-controlled, resulting in high-quality products that exceed industry standards. **Our goal is to provide our customers with a seamless experience, while also promoting a sustainable and cost-effective renewable energy future.**

Choose us as your solar solutions partner and join us in contributing to a cleaner and greener world.

MADE IN UAE





S O L A R P A N E L S



430W+



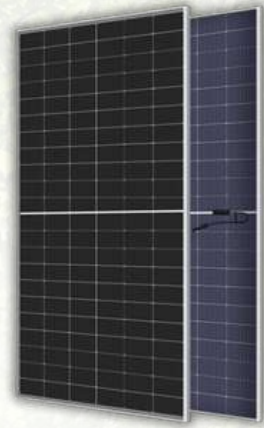
510W+



580W+



610W+



670W+



SOLAR PANELS MODELS CUSTOMIZED AS PER PROJECT REQUIREMENTS)



10-30% ADDITIONAL POWER GENERATION

- 30 years lifespan brings 10-30% additional power generation compared to conventional P-type module.



BETTER WEAK ILLUMINATION RESPONSE

- Higher power output even under low-light conditions like on cloudy or foggy days.



ZERO LID (LIGHT INDUCED DEGRADATION)

- N-type solar cell has no LID naturally which can increase power generation.



BETTER TEMPERATURE COEFFICIENT

- Higher power generation under working conditions, thanks to passivating contact cell technology.



LOWER LCOE

- Higher bifaciality, higher power output and lower BOS cost.



WIDER APPLICABILITY

- More application scenes like BIPV, vertical installation, snowfield, high-humid, windy and dusty area.



540W+

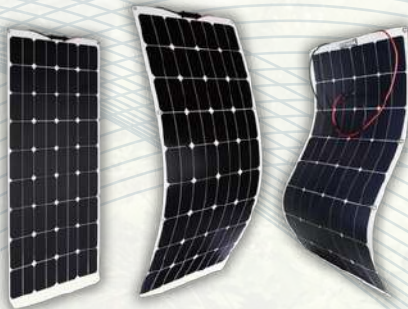


SOLAR PANELS



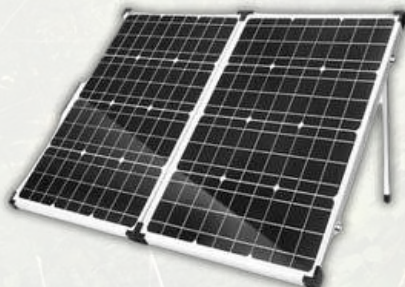
PORTABLE SOLAR PANEL

MODEL	PYOU30DP-B	PYOU25DP-B	PYOU20DP-B	PYOU10DP-B
Surface process	PET or ETFE	PET or ETFE	PET or ETFE	PET or ETFE
cell	Monocrystalline silicon	Monocrystalline silicon heterojunction	Monocrystalline silicon	Monocrystalline silicon
Cell efficiency	22%	22%	22%	22%
power	33W	20W	22W	11W
The open circuit voltage	24 V +/- 5%	24V	6V	6V
DC carries a loaded voltage	18 V +/- 5%	18V	5V	5V
DC operating current	1.6 A plus or minus 5%	1.65A	4.2A	2.2A
Actual conversion efficiency	>80%	>80%	>80%	>80%
USB-A	5/9/12 V1.5. A plus or minus 5%	5/9/12 V1.5. A plus or minus 5%	5.0V4.0A	5.0V2.0A
USB-B	5/2. A plus or minus 5%	5/2. A plus or minus 5%		
Folding size MM	200*205*55	280*173*18	200*205*55	200*205*55
Expansion size MM	695*400	720*280	860*210	460*210
Fold the number	3 fold 2 row	2	4	2
Bare machine weight KG	1.2	0.7	0.8	0.4
Surface packaging process	Sewing + bonding	Sewing + bonding	Sewing + bonding	Sewing + bonding
The material	Dacron 900D 66	900 d polyester	Dacron 900D 66	Dacron 900D 66
Waterproof level	IP65	IP65	IP65	IP65
Power generation time 6h power	0.19	0.12	0.12	0.05
Power Angle	90° or 45 degrees	90° or 45 degrees	90° or 45 degrees	90° or 45 degrees



FLEXIBLE SOLAR PANNEL

PROJECT/SPECIFICATION PARAMETERS	PYOU50PE-R	PYOU100PE-R	PYOU200PE-R
Encapsulation process	laminated	laminated	laminated
Surface process	PET or ETFE	PET or ETFE	PET or ETFE
cell	SUNPOWER	SUNPOWER	SUNPOWER
Cell efficiency	22%	22%	22%
power	50 W +/- 5%	100 W +/- 5%	200 W +/- 5%
The open circuit voltage	22 V +/- 5%	22 V +/- 5%	22 V +/- 5%
DC carries a loaded voltage	18 V +/- 5%	18 V +/- 5%	18 V +/- 5%
DC operating current	2.7 A plus or minus 5%	5.5 A plus or minus 5%	11 a plus or minus 5%
Actual conversion efficiency	>80%	>80%	>80%
Expansion size MM	560*540*2.5	1050*540*2.5	1120*990*2.5
Gross weight / KG	0.89	1.96	2.68
surface material	PVC	PVC	PVC
Waterproof level	IP68	IP68	IP68
Power output (kWh, solar radiation > 6 Hours	0.25	0.5	1.0
Power Angle	90° or 45°	90° or 45°	90° or 45°
spectrum	>40000	>40000	>40000
packaging	Carton + pearl cotton	Carton + pearl cotton	Carton + pearl cotton
Packing size /2PCS	590*570*45	1080*570*45	1150*1020*45
Packing weight /kg 2PCS/carton	2.1	3.5	5.9
Storage temperature	Dry places, -5°C to 30°C	Dry places, -5°C to 30°C	Dry places, -5°C to 30°C



GLASS FOLDABLE PANEL

PROJECT/SPECIFICATION PARAMETERS	50PYBL-B	100PYBL-B	160PYBL-B
Surface process	glass	glass	glass
cell	Monocrystalline silicon	Monocrystalline silicon	Monocrystalline silicon
Cell efficiency	22%	22%	22%
power	power 50 w +/- 5%	power 100 w +/- 5%	power 160 w +/- 5%
open circuit voltage	21.3 V +/- 5%	21.3 V +/- 5%	21.3 V +/- 5%
DC loading voltage	18 V +/- 5%	18 V +/- 5%	18 V +/- 5%
DC working current	2.78 A plus or minus 5%	5.5 A plus or minus 5%	8.8 A plus or minus 5%
Actual conversion efficiency	>80%	>80%	>80%
Expansion size MM	590*668*25	1160*664*25	1655*660*25
Folding size, MM		540*546	550*660*85
Bare machine weight KG	4.3	9.7	18.0
Surface material	PVC	PVC	PVC
Waterproof level	IP68	IP68	IP68
Power yield > 6H	0.28	0.5	0.8
Power Angle	90° or 45°	90° or 45°	90° or 45°
spectrum	>40000	>40000	>40000
packaging	Carton + pearl cotton	Carton + pearl cotton	Carton + pearl cotton
Packing size /2PCS	636*717*93	570*586*96	590*700*210
Storage temperature	Dry places, -5°C to 30°C	Dry places, -5°C to 30°C	Dry places, -5°C to 30°C



S O L A R P A N E L K E Y P O I N T S



- 1. Long Lifespan** - Our solar panels have a lifespan of 30 years, providing a reliable source of energy for many years.
- 2. Additional Power Generation** - Our solar panels produce 10-30% additional power generation compared to conventional P-type modules. This ensures a higher energy output and more efficient energy utilization.
- 3. Better Weak Illumination Response** - Our solar panels have higher power output even under low-light conditions like cloudy or foggy days. This ensures that you are still able to generate energy even in suboptimal weather conditions.
- 4. Zero LID** - Our N-type solar panels have zero LID (Light Induced Degradation) which can increase power generation. This means that our solar panels will not degrade over time like other types of solar panels, ensuring long-lasting performance.
- 5. Better Temperature Coefficient** - Our solar panels feature passivating contact cell technology that ensures higher power generation under working conditions. This helps to maximize energy output, even in high-temperature conditions.
- 6. Lower LCOE** - Our solar panels have higher bifacially, which results in higher power output and lower BOS (Balance of System) cost. This makes them a cost-effective and efficient source of energy.
- 7. Wider Applicability** - Our solar panels can be used in more application scenes like BIPV (Building Integrated Photovoltaics), vertical installation, snowfield, high-humidity, windy, and dusty areas. This ensures that our solar panels can be used in a variety of settings and environments.

Overall, our solar panels are a reliable and efficient source of energy, with a long lifespan, increased energy output, and better response in low-light conditions. The zero LID feature ensures long-lasting performance, and the better temperature coefficient ensures higher power generation in different working conditions. With lower BOS cost, wider applicability, and more efficient energy generation, our solar panels are the perfect choice for anyone looking for a sustainable source of energy.





POWER STATIONS

MODEL: G1000



Accessories:
 charger
 car charging cable
 Solar charging cable
 manual

rated power:1000W
 Rated power:999Wh
 Standard capacity:3.7V/270000mAh
 Overload protection:1100±80W
 AC output:110V±10%/60HZ
 Output waveform: pure sine wave
 USBoutput:QC3.0/18W Type-Coutput:PD60W
 Cigarette lighter output:14V/8A DC55*2.5output:14V/8A
 Wireless charging:10W
 Charging input voltage:12-26V
 Working temperature:■10-40°C
 weight(net weight):≈8.8kg
 Weight (including accessories):≈9.8kg
 Product Size:long312mm*Width190mm*high190mm
 (ACOutput standard American regulations, Japanese regulations, support customized Chinese regulations, European regulations, Australian regulations, etc.)



CERTIFICATE
 UN38.3/MSDS/Air cargo and ship cargo/CE/FCC/PSE/ULCertification report

MODEL: MP2000



Accessories:
 charger
 car charging cable
 Solar charging cable
 manual

Rated power:2000W
 Rated power:2264.4Wh
 Standard capacity:3.7V/612000mAh
 Overload protection:2200±150W
 AC output:110V±10%/60HZ
 Output waveform: pure sine wave
 USBoutput:QC3.0/18W Type-Coutput:PD60W
 Cigarette lighter output:14V/8A DC55*2.5output:14V/8A
 Battery replacement: support, freely match the battery pack
 Charging input voltage:Mains power(U.S. regulations100V-130V;Central Europe etc.200-245V) Charge the product directly
 Working temperature:■10-40°C
 weight:≈27kg
 Product Size:long460mm*Width366mm*high260mm
 (ACOutput standard American regulations, Japanese regulations, support customized Chinese regulations, European regulations, Australian regulations, etc.)



CERTIFICATE
 UN38.3/MSDS/AIR CARGO AND SHIP CARGO/CE/FCC/PSE

MODEL: F3600



Accessories:
 AC Charging
 Cable car charging cable
 Solar charging cable
 manual colorful package

Battery core: lithium iron phosphate Capacity: 3072WH (host) 5120Wh (extended battery pack) AC output power: 3600W (peak 7200W) Frequency: 50/60Hz Intelligent parallel mode: US/Japanese regulations: two hosts through the intelligent parallel HUB Or a smart distribution box to form a 120V/240V system, with twice the power and capacity. European/Australian regulations: three hosts form a 230V/400V (three-phase) system through an intelligent parallel HUB or intelligent distribution box, with three times the power and Intelligent power paralleling mode with three times the capacity: one host + expansion power packs (1-4) to increase capacity and battery life. Microgrid mode: US/Japan regulations: two hosts + expansion power packs (0-8) 120V/240V system, maximum AC output power 7.2KW, maximum power 45KWH European/Australian regulations: three hosts + expansion power packs (0-12 pieces) form a 230V/400V system (three-phase), maximum AC output power 10.8KW, Maximum power 67KWH USB-A: 4*18W USB-C: 2*100W Wireless charging: 10W DC output: 5521*2+cigarette lighter 120W RV output: 360W EV charging: 3600W AC charging: Japanese standard: 1500W, US standard : 1800W, European/Australian regulations: 2200W Car charger: 192W Solar charging: 2400W UPS switching time: 10ms WIFI/APP: Optional support, APP needs to be customized and developed Safety certification: UL/FCC/CE/PSE/CP65/ROHS /UN38.3 Working temperature: -10 ~ 45°C Storage temperature: -20 ~ 60°C Net weight: Host about 35kg Dimensions (length, width and height): 540*370*423mm



CERTIFICATE



POWER STATIONS

MODEL: G300



Accessories:
 charger
 car charging cable
 Solar charging cable
 manual

rated power:300W
 Rated power:296Wh
 Standard capacity:3.7V/8000mAh
 Overload protection:350±40W
 AC output:110V±10%/60HZ
 Output waveform: pure sine wave
 USBoutput:QC3.0/18W Type-Coutput:PD60W DC55*2.5Total output of cigarette lighter:14V/8A
 Wireless charging:5W
 Charging input voltage:12-26V
 Working temperature:■10-40°C
 weight(net weight):≈3.5kg
 Weight (including accessories):≈4.5kg
 Product Size: 244*171*177mm
 (ACOutput standard American regulations, Japanese regulations, support customized Chinese regulations, European regulations, Australian regulations, etc.)

Product size (CM)			Color box packaging size (CM)			Outer box packaging size (CM)		
L	W	H	L	W	H	L	W	H
24.4	17.1	17.7	33.2	21.2	21.5	44.4	35	24.2

CERTIFICATE
 UN38.3/MSDS/Air cargo and ship cargo/CE/FCC/PSE/ULCertification report

MODEL: G500



Accessories:
 charger
 car charging cable
 Solar charging cable
 manual

Rated power:2000W
 Rated power:2264.4Wh
 Standard capacity:3.7V/61200mAh
 Overload protection:2200±150W
 AC output:110V±10%/60HZ
 Output waveform: pure sine wave
 USBoutput:QC3.0/18W Type-Coutput:PD60W
 Cigarette lighter output:14V/8A DC55*2.5output:14V/8A
 Battery replacement: support, freely match the battery pack
 Charging input voltage:Mains power(U.S. regulations100V-130V;Central Europe etc.200-245V) Charge the product directly
 Working temperature:■10-40°C
 weight:≈27kg
 Product Size:long460mm*Width366mm*high260mm
 (ACOutput standard American regulations, Japanese regulations, support customized Chinese regulations, European regulations, Australian regulations, etc.)

Product size (CM)			Color box packaging size (CM)			Outer box packaging size (CM)		
L	W	H	L	W	H	L	W	H
52.2	43.5	28.3	41.3	25	25	52.2	43.5	28.3

CERTIFICATE
 UN38.3/MSDS/AIR CARGO AND SHIP CARGO/CE/FCC/PSE

MODEL: G1000



Accessories:
 AC Charging
 Cable car charging
 cable Solar charging
 cable manual colorful
 package

Battery core: lithium iron phosphate Capacity: 3072WH (host) 5120Wh (extended battery pack) AC output power: 3600W (peak 7200W) Frequency: 50/60Hz Intelligent parallel mode: US/Japanese regulations: two hosts through the intelligent parallel HUB Or a smart distribution box to form a 120V/240V system, with twice the power and capacity. European/Australian regulations: three hosts form a 230V/400V (three-phase) system through an intelligent parallel HUB or intelligent distribution box, with three times the power and Intelligent power paralleling mode with three times the capacity: one host + expansion power packs (1-4) to increase capacity and battery life. Microgrid mode: US/Japan regulations: two hosts + expansion power packs (0-8) 120V/240V system, maximum AC output power 7.2KW, maximum power 45KWH European/Australian regulations: three hosts + expansion power packs (0-12 pieces) form a 230V/400V system (three-phase), maximum AC output power 10.8KW, Maximum power 67KWH USB-A: 4*18W USB-C: 2*100W Wireless charging: 10W DC output: 5521*2+cigarette lighter 120W RV output: 360W EV charging: 3600W AC charging: Japanese standard: 1500W, US standard : 1800W, European/Australian regulations: 2200W Car charger: 192W Solar charging: 2400W UPS switching time: 10ms WIFI/APP: Optional support, APP needs to be customized and developed Safety certification: UL/FCC/CE/PSE/CP65/ROHS /UN38.3 Working temperature: -10 ~ 45°C Storage temperature: -20 ~ 60°C Net weight: Host about 35kg Dimensions (length, width and height): 540*370*423mm

CERTIFICATE
 UN38.3/MSDS/AIR CARGO AND SHIP CARGO/EMC/LVD/ROHS/FCC-SDOC/FCC-ID/

Product size (CM)			Color box packaging size (CM)			Outer box packaging size (CM)		
L	W	H	L	W	H	L	W	H
52.2	43.5	28.3	41.3	25	25	43.5	27.2	28.3



THE ULTIMATE COMPANION FOR YOUR CAMPING AND CARAVAN TRIPS! HERE ARE SOME OF ITS EXCITING FEATURES:

- **Power Outputs** - Available in power outputs of 100 watts, 200 watts, 300 watts, and 400 watts, our portable solar panel offers multiple choices to cater to your requirements.
- **Power Station** - It comes with a power station having a wattage rating from 1000 up to 5000 watts. You can choose the power rating that meets your energy needs to power up your devices and appliances.
- **Easy to Carry** - Our portable solar panel is foldable and easy to carry. You can easily store it in your car trunk, take it to the beach, park, or anywhere you go.
- **Water-Resistant** - Our portable solar panel is designed to be water-resistant, ensuring its safety and durability even in bad weather conditions.
- **Safe** - The solar panel is completely safe and reliable to use, making it an ideal choice for outdoor activities.
- **No Noise** - Unlike generators, our solar panel produces no noise or emissions, creating a peaceful and pollution-free environment for you.
- **Hassle-Free** - Our solar panel is easy to set up and use, with no need for any specialized installation or maintenance.
- **Overall**, our Portable Solar Panel is a perfect energy solution for all your outdoor adventures. Don't settle for traditional energy sources, switch to solar energy, save energy and time, and contribute to a greener tomorrow!





STREET LIGHTS

“Eco-friendly street lamps provide reliable and long-lasting brightness for outdoor areas. They are weather-resistant and durable, withstanding even harsh conditions”



STREET LIGHT



Product number:	YH0103
product name:	Solar cantilevered street light
Solar panels:	5V 12W
Battery:	Lithium iron phosphate battery 3.2V 12AH
light source:	LED:43grainx3030,1W/Voltage3.0-3.2V,lumen150-160LM,Color display:» 70
lumen:	1600LM
Color temperature:	5700-6100K
length of work:	12h
Charging time:	4-6h
FUNCTION:	Inductive high brightness + non-inductive micro-brightness; 5-hour mode; 8-hour mode; 12-hour mode; light control, remote control, time control
waterproof level:	IPX5
Material:	ABS+PC
color:	black
size:	338*208*70mm
other:	Includes: Cantilevered light pole 60*30 square tube, 325mm long. Installation accessory package, remote control



Product number:	YH0103A
product name:	Solar cantilever street light-cast aluminum
Solar panels:	5V 12W
Battery:	Lithium iron phosphate battery 3.2V 12AH
light source:	LED:43grainx3030,1W/Voltage3.0-3.2V,lumen150-160LM,Color display:» 70
lumen:	1600LM
Color temperature:	5700-6100K
length of work:	12h
Charging time:	4-6h
FUNCTION:	1. Light control + time control, with infrared remote control, with automatic energy-saving mode 2. With power indicator light: 25% 50% 75% 100% four levels 3. With daytime light mode (Always Lighting) can work 8-12H (lighting position for testing and debugging) 4. Remote control 12H position: energy saving point 10min, 3H, 2.5H, 5H, 2H mode and then turn off the light 5.
waterproof level:	IPX5
Material:	cast aluminum+PC
color:	black
size:	338*208*70mm
other:	Includes: Cantilevered light pole 60*30 square tube, 325mm long. Installation accessory package, remote control



STREET LIGHT



Product number:	YH0104
product name:	Solar cantilevered street light
Solar panels:	5V 18W
Battery:	Lithium iron phosphate battery 3.2V 18AH
light source:	LED:85grainx3030,1W/Voltage3.0-3.2V,lumen150-160LM,Color display:» 70
lumen:	2400LM
Color temperature:	5700-6100K
length of work:	12h
Charging time:	4-6h
FUNCTION:	Inductive high brightness + non-inductive micro-brightness; 5-hour mode; 8-hour mode; 12-hour mode; light control, remote control, time control
waterproof level:	IPX5
Material:	ABS+PC
color:	black
size:	488*208*70mm
other:	Includes: 60*30 square tube with cantilever arm light pole, 475mm long. Installation accessory package, remote control



Product number:	YH0104A
product name:	Solar cantilever street light-cast aluminum
Solar panels:	5V 18W
Battery:	Lithium iron phosphate battery 3.2V 18AH
light source:	LED:85grainx3030,1W/Voltage3.0-3.2V,lumen150-160LM,Color display:» 70
lumen:	2400LM
Color temperature:	5700-6100K
length of work:	12h
Charging time:	4-6h
FUNCTION:	1. Light control + time control, with infrared remote control, with automatic energy-saving mode 2. With power indicator light: 25% 50% 75% 100% four levels 3. With daytime light mode (Always Lighting) can work 8-12H (lighting position for testing and debugging) 4. Remote control 12H position: energy saving point 10min, 3H, 2.5H, 5H, 2H mode and then turn off the light 5. Remote control 8H: energy saving point 10min, 3H, 2.5H, 2.5 Turn off the lights after H mode 6. Remote control 5H: energy saving point 10min, 3H, turn off the lights after 2H mode
waterproof level:	IPX5
Material:	cast aluminum+PC
color:	black
size:	488*208*70mm
other:	Includes: 60*30 square tube with cantilever arm light pole, 475mm long. Installation accessory package, remote control



STREET LIGHT



Product number:	YH0105
product name:	Solar cantilevered street light
Solar panels:	5V 22W
Battery:	Lithium iron phosphate battery 3.2V 24AH
light source:	LED:120grainx3030,1W/Voltage3.0-3.2V,lumen150-160LM,Color display:» 70
lumen:	2880LM
Color temperature:	5700-6100K
length of work:	12h
Charging time:	4-6h
FUNCTION:	Inductive high brightness + non-inductive micro-brightness; 5-hour mode; 8-hour mode; 12-hour mode; light control, remote control, time control
waterproof level:	IPX5
Material:	ABS+PC
color:	black
size:	608*208*70mm
other:	Includes: 60*30 square tube with cantilever arm light pole, 475mm long. Installation accessory package, remote control



Product number:	YH0105A
product name:	Solar cantilever street light-cast aluminum
Solar panels:	5V 22W
Battery:	Lithium iron phosphate battery 3.2V 24AH
light source:	LED:120grainx3030,1W/Voltage3.0-3.2V,lumen150-160LM,Color display:» 70
lumen:	2880LM
Color temperature:	5700-6100K
length of work:	12h
Charging time:	4-6h
FUNCTION	1. Light control + time control, with infrared remote control, with automatic energy-saving mode 2. With power indicator light: 25% 50% 75% 100% four levels 3. With daytime light mode (Always Lighting) can work 8-12H (lighting position for testing and debugging) 4. Remote control 12H position: energy saving point 10min, 3H, 2.5H, 5H, 2H mode and then turn off the light 5. Remote control 8H: energy saving point 10min, 3H, 2.5H, 2.5 Turn off the lights after H mode 6. Remote control 5H: energy saving point 10min, 3H, turn off the lights after 2H mode
waterproof level:	IPX5
Material:	cast aluminum+PC
color:	black
size:	608*208*70mm
other:	Includes: 60*30 square tube with cantilever arm light pole, 475mm long. Installation accessory package, remote control



STREET LIGHT



Product number:	YH0101
product name:	Solar cast aluminum cantilever arm street light
Solar panels:	polysilicon5V 20W
Battery:	Lithium iron phosphate battery 3.2V 20AH
light source:	55grain*1W 3030lamp beads
lumen:	2100LM
Color temperature:	6000-6500K
length of work:	5H,8H,12H
Charging time:	6H
FUNCTION:	1. Light control + time control, with infrared remote control, with automatic energy-saving mode 2. With power indicator light: 25% 50% 75% 100% four levels 3. With daytime light mode (Always Lighting) can work 8-12H 4. Remote control 12H: Turn off the lights after 12 hours 5.
waterproof level:	IPX5
Material:	Aluminum die casting+PC
color:	sand gray
size:	Lamp holder349*210*66mm
other:	Includes: cantilever light pole, bracket, screw bag, remote control



Product number:	YH0102A
product name:	Solar cast aluminum cantilever arm street light
Solar panels:	Monocrystalline silicon6V 80W
Battery:	Lithium iron phosphate battery 3.2V 86AH
light source:	SMD5050lamp beads1W/PC*126grain
lumen:	7600LM
Color temperature:	6000-6500K
length of work:	5H,8H,12H
Charging time:	6H
FUNCTION:	1. Light control + time control, with infrared remote control, with automatic energy-saving mode 2. With power indicator light: 25% 50% 75% 100% four levels 3. With daytime light mode (Always Lighting) can work 8-12H 4. Remote control 12H: Turn off the lights after 12 hours 5.
waterproof level:	IPX5
Material:	Aluminum die casting+PC
color:	sand gray
size:	554*260*90mm(Lamp holder size)
other:	Includes: solar panel bracket, screw bag, remote control, does not include light pole and floor cage



STREET LIGHT



Product number:	YH0101B
product name:	Solar cast aluminum cantilever arm street light
Solar panels:	Monocrystalline silicon6V 60W
Battery:	Lithium iron phosphate battery 3.2V 60AH
light source:	70grain*1W 3030lamp beads
lumen:	6000LM
Color temperature:	6000-6500K
length of work:	5H,8H,12H
Charging time:	6H
FUNCTION:	1. Light control + time control, with infrared remote control, with automatic energy-saving mode 2. With power indicator light: 25% 50% 75% 100% four levels 3. With daytime light mode (Always Lighting) can work 8-12H 4. Remote control 12H: Turn off the lights after 12 hours 5. Remote control 8H: Turn off the lights after 8 hours 6. Remote control 5H: Turn off the lights after 5 hours
waterproof level:	IPX5
Material:	Aluminum die casting+PC
color:	sand gray
size:	Lamp holder349*210*66mm
other:	Includes: arm light pole, bracket, screw bag, remote control. Does not include light poles and floor cages



Product number:	YH0221-30W
product name:	Solar street light 30W
Solar panels:	Monocrystalline silicon 768X346mm, 27V/46W
Battery:	LiFePO4 19.2V/18000MAH
light source:	18pcs LED/5050LED 5Wwhite light210LM
lumen:	3000LM
Color temperature:	6000-7000K
length of work:	According to working mode
Charging time:	4.5 Hours under standard strong light
FUNCTION:	Function: PIR, infrared remote control, 4-mode M1 (5-hour mode): turn off the output after 80% highlight light for the first 5 hours. M2 (8-hour mode): 50% high brightness for the first 5 hours, 20% brightness for 3 hours, and then turn off the output. M3 (12-hour mode): 40% brightness for the first 5 hours, 10% brightness for the next 7 hours. M4 (sensing mode): 100% highlighted for 1 minute when people are coming, 5% brighter when people are walking away.
waterproof level:	IPX5
Material:	aluminum alloy,PC
color:	silver gray
size:	77.4X35.1X31.4H CM
other:	ON/OFFswitch



STREET LIGHT



Product number:	YH0218
product name:	60WSolar integrated street light
Solar panels:	polysilicon5V/60W
Battery:	LiFePO4 3.2V/100AH
light source:	48pcs LED/5050LED 5Wwhite light210LM/pc
lumen:	3500LM
Color temperature:	6000-7000K
length of work:	According to working mode
Charging time:	6-8 Hours under standard strong light
FUNCTION:	Light control + time control + remote control 1. Automatic mode (default): 100% for 1 hour, intelligent average power reduction every 20 minutes, maintaining 30% brightness from the 6th hour until dawn. 2. 80% mode: 80% lights on for 1 hour, intelligently reduces power on average every 20 minutes, and maintains 30% brightness from the 6th hour until dawn. 3. 60% mode: 60% lighting for 1 hour, intelligent average power reduction every 20 minutes, maintaining 30% brightness from the 6th hour until dawn. 4. 6H mode: 100% light on for 1 hour, intelligent average power reduction every 20 minutes, and off for 6 hours. 5. 8H mode: 100% light on for 1 hour, intelligent average power reduction every 20 minutes, maintaining 30% brightness from the 6th hour to off for 8 hours. 6. off
waterproof level:	IPX5
Material:	aluminum alloy,PC
color:	silver gray
size:	112.5X37.2X23.4HCM
other:	ON/OFFswitch



Product number:	YH0220
product name:	80WSolar integrated street light
Solar panels:	polysilicon5V/80W
Battery:	lithium battery3.7V/150AH
light source:	72pcs LED/5050LED 5Wwhite light210LM
lumen:	5000LM
Color temperature:	6000-7000K
length of work:	According to working mode
Charging time:	6-8 Hours under standard strong light
FUNCTION:	Light control + time control + remote control 1. Automatic mode (default): 100% for 1 hour, intelligent average power reduction every 20 minutes, maintaining 30% brightness from the 6th hour until dawn. 2. 80% mode: 80% lights on for 1 hour, intelligently reduces power on average every 20 minutes, and maintains 30% brightness from the 6th hour until dawn. 3. 60% mode: 60% lighting for 1 hour, intelligent average power reduction every 20 minutes, maintaining 30% brightness from the 6th hour until dawn. 4. 6H mode: 100% light on for 1 hour, intelligent average power reduction every 20 minutes, and off for 6 hours. 5. 8H mode: 100% light on for 1 hour, intelligent average power reduction every 20 minutes, maintaining 30% brightness from the 6th hour to off for 8 hours. 6. off
waterproof level:	IPX5
Material:	aluminum alloy,PC
color:	silver gray
size:	1475*346*213.3mm
other:	ON/OFFswitch



TRAFFIC LIGHTS

“ SAY GOODBYE to complicated installations with our easy-to-install solar traffic lights. With less wiring needed and highly water-resistant design, it's the perfect solution ”



MOBILE TRAFFIC LIGHT SERIES

PRODUCT PARAMETERS



Lamp size	Bottom box size	pole height	LED quantity
540*180*180MM	500*500*370MM	810MM	Red, yellow and green each 60*4
red wavelength	green wavelength	yellow wavelength	Operating Voltage
620-625NM	500-505NM or 520-525NM	590-595NM	AC85-265V or DC12V/24V
Operating temperature	Protection class	LED color	shell material
-40°C~65°C	IP53	red, yellow, green	Electrostatic spraying Sheet Metal Chassis
Single lamp rated power	Visible distance	LED service life	Applicable site
R/Y/G≤3.6W	1-800M	100000H	Teaching, Amusement Park, etc.

PRODUCT PARAMETERS



Lamp size	Bottom box size	pole height	LED quantity
540*180*180MM	500*500*370MM	660MM	Red, yellow green each 60*2 Pedestrian red 34*2, green 41*2
red wavelength	green wavelength	yellow wavelength	Operating Voltage
620-625NM	500-505NM or 520-525NM	590-595NM	DC12V
Operating temperature	Solar panels	storage battery	shell material
-40°C~65°C	30W/18V	55AH/12V	Electrostatic spraying Sheet Metal Chassis
Single lamp rated power	Visible distance	LED service life	Applicable site
R/Y/G≤3.6 People R≤1.68, G≤2.64	1-800M	100000H	Teaching, Amusement Park, etc.

PRODUCT PARAMETERS



Lamp size	Bottom box size	pole height	LED quantity
300*300*300MM	500*500*370MM	1800MM	Red, yellow and green each 50*4
red wavelength	green wavelength	yellow wavelength	Operating Voltage
620-625NM	500-505NM or 520-525NM	590-595NM	DC12V
Operating temperature	shell material	LED color	LED service life
-40°C~65°C	Electrostatic spraying Sheet Metal Chassis	red, green	100000H
Protection class	rated power	Visible distance	Applicable site
IP53	R≤1.44W G≤1.92W	1-500M	Crossroads, forks, etc.



MOBILE TRAFFIC LIGHT SERIES

PRODUCT PARAMETERS



Lamp size	cart size	pole height	Quantity of single lamp beads
500*250*100MM	800*550*430MM	1600MM	50 red and green each
red wavelength	green wavelength	LED color	Operating Voltage
620-625NM	500-505NM or 520-525NM	Red Green	DC12V
Operating temperature	shell material	Solar panels	storage battery
-40°C~65°C	Electrostatic spraying Sheet Metal Chassis	60W/18V	55AH/12V
control method	rated power	Visible distance	Applicable site
remote control	R/Y/G≤3.12W	1-800M	Single channel, road repair section, etc.

PRODUCT PARAMETERS



Lamp size	Bottom box size	pole height	Quantity of single lamp beads
750*250*100MM	800*550*430MM	1600MM	50 red and green each
red wavelength	green wavelength	yellow wavelength	Operating Voltage
620-625NM	500-505NM or 520-525NM	590-595NM	DC12V
Operating temperature	Solar panels	storage battery	shell material
-40°C~65°C	60W/18V	55AH/12V	Electrostatic spraying Sheet Metal Chassis
Single lamp rated power (W)	Visible distance	LED service life	Applicable site
R/Y/G≤3.12W	1-800M	100000H	Single channel, road repair section

PRODUCT PARAMETERS



Lamp size	Bottom box size	pole height	Quantity of single lamp beads
1000*250*100MM	800*550*430MM	1600MM	50 each for the whole plate Countdown 64 each
red wavelength	green wavelength	yellow wavelength	Operating Voltage
620-625NM	500-505NM or 520-525NM	590-595NM	DC12V
Operating temperature	shell material	Solar panels	storage battery
-40°C~65°C	Electrostatic spraying Sheet Metal Chassis	60W/18V	55AH/12V
rated power	control method	Visible distance	Applicable site
Full plate R/Y/G≤3.12 Countdown R≤3.36G≤6.72	remote control	1-500M	Single channel, road repair section



MOBILE TRAFFIC LIGHT SERIES

PRODUCT PARAMETERS



Lamp size	Bottom box size	pole height	LED quantity
800*300*300MM	800*550*430MM	1200MM	Red, yellow and green each 50*4
red wavelength	green wavelength	yellow wavelength	Operating Voltage
620-625NM	500-505NM or 520-525NM	590-595NM	DC12V
Operating temperature	Solar panels	storage battery	shell material
-40°C~65°C	60W/18V	100AH/12V	Electrostatic spraying Sheet Metal Chassis
Single lamp rated power	Visible distance	LED service life	Applicable site
R/Y/G≤3.12W	1-800M	100000H	teaching, amusement park, etc

PRODUCT PARAMETERS



Lamp size	Bottom box size	pole height	LED quantity
800*370*370MM	800*550*430MM	1200MM	Full plate 75*4 Countdown 64
red wavelength	green wavelength	LED color	Operating Voltage
620-625NM	500-505NM or 520-525NM	Red Green	DC12V
Operating temperature	Solar panels	storage battery	shell material
-40°C~65°C	100W/18V	100AH/12V	Electrostatic spraying Sheet Metal Chassis
Single lamp rated power (W)	Visible distance	LED service life	Applicable site
Full plate R/G≤4 Countdown R≤3.36, G≤6.72	1-800M	100000H	intersection, temporary intersection

PRODUCT PARAMETERS



Lamp size	Bottom box size	pole height	LED quantity
1200*370*370MM	800*550*430MM	1200MM	Red, yellow and green each 75*4
red wavelength	green wavelength	yellow wavelength	Operating Voltage
620-625NM	500-505NM or 520-525NM	590-595NM	DC12V
Operating temperature	shell material	Solar panels	LED service life
-40°C~65°C	Electrostatic spraying Sheet Metal Chassis	60W/18V	100000H
storage battery	Single lamp rated power	Visible distance	Applicable site
100AH/12V	R/Y≤3.6W G≤4.56W	1-500米	Crossroads, forks, etc.



MOBILE TRAFFIC LIGHT SERIES

PRODUCT PARAMETERS



Lamp size	Bottom box size	pole height	LED quantity
1200*370*370MM	900*900*360MM	1200MM	Red,yellow green each 100*4
red wavelength	green wavelength	yellow wavelength	Operating Voltage
620-625NM	500-505NM or 520-525NM	590-595NM	DC12V
Operating temperature	shell material	Solar panels	storage battery
-40°C~65°C	Electrostatic spraying Sheet Metal Chassis	60W/18V*2	100AH/12V
rated power	LED service life	Visible distance	Applicable site
R/Y≤4.8W,G≤6W	10000H	1-800M	temporary road junction

PRODUCT PARAMETERS



Lamp size	Bottom box size	pole height	LED quantity
1050*350*130MM	900*900*360MM	1800MM	Red,yellow green each 60*12
red wavelength	green wavelength	yellow wavelength	Operating Voltage
620-625NM	500-505NM or 520-525NM	590-595NM	DC12V
Operating temperature	Solar panels	storage battery	shell material
-40°C~65°C	80W/18V*2	100AH/12V	Lamp holder PC, base Rod Cold Rolled Sheet
Single lamp rated power (W)	Visible distance	LED service life	Applicable site
R/Y/G≤3.6W	1-800M	100000H	Single channel, road repair section

PRODUCT PARAMETERS



Lamp size	Bottom box size	pole height	LED quantity
1050*350*130MM	900*900*360MM	1800MM	Red,yellow and green each 100*4
red wavelength	green wavelength	yellow wavelength	Operating Voltage
620-625NM	500-505NM or 520-525NM	590-595NM	DC12V
Operating temperature	shell material	Solar panels	storage battery
-40°C~65°C	Lamp holder PC, base Rod Cold Rolled Sheet	60W/18V*2	100AH/12V
rated power	LED service life	Visible distance	Applicable site
R/Y≤4.8W,G≤6W	100000H	1-500M	Single channel, road repair section



MOBILE TRAFFIC LIGHT SERIES



Lamp size	Bottom box size	pole height	LED quantity
1050*350*130MM	1150*900*410MM	1800MM	Red, yellow and green each 75*4
red wavelength	green wavelength	yellow wavelength	Operating Voltage
620-625NM	500-505NM or 520-525NM	590-595NM	DC12V
Operating temperature	Solar panels	storage battery	shell material
-40°C~65°C	60W/18V*2	100AH/12V	Lamp holder PC, base Rod Cold Rolled Sheet
Single lamp rated power	Visible distance	LED service life	Applicable site
R/Y≤3.6W G≤4.56W	1-800M	100000H	Temporary intersection, etc.





ROAD SIGNS





CUSTOM MADE PRODUCTS



SOLAR SPEED LIMIT SIGN
MODEL NUMBER: TYNBZP-22



SOLAR PEDESTRIAN SIGN
MODEL NUMBER: TYNBZP-19



SOLAR GUIDANCE SIGN
MODEL NUMBER: TYNBZP-25



SOLAR LANE DIVIDER SIGN
MODEL NUMBER: TYNBZP-23



SOLAR SPEED LIMIT SIGN
MODEL NUMBER: TYNBZP-21



SOLAR SLOW SIGN
MODEL NUMBER: TYNBZP-18



SOLAR PEDESTRIAN SIGN
MODEL NUMBER: TYNBZP-19



SOLAR INDICATOR SIGN
MODEL NUMBER: TYNBZP-20



SOLAR WARNING SIGN
MODEL NUMBER: TYNBZP-10



SOLAR TWO-SIDED YELLOW
FLASHING MODEL: TYNBZP-07



SOLAR CONSTRUCTION SIGN
MODEL NUMBER: TYNBZP-26



SOLAR CONSTRUCTION SIGN
MODEL NUMBER: TYNBZP-12



SOLAR NO U-TURN SIGN
MODEL NUMBER: TYNBZP-13



SOLAR STOP SIGN
MODEL NUMBER: TYNBZP-15



SOLAR PEDESTRIAN SIGN
MODEL NUMBER: TYNBZP-17



SOLAR SCHOOL SIGN
MODEL NUMBER: TYNBZP-16



SOLAR CONSTRUCTION SIGN
MODEL NUMBER: TYNBZP-31



SOLAR WARNING SIGN
MODEL NUMBER: TYNBZP-10



SOLAR CONSTRUCTION SIGN
MODEL NUMBER: TYNBZP-30



SOLAR CONSTRUCTION SIGN
MODEL NUMBER: TYNBZP-28





TRAFFIC SIGN



Solar panel: 12V5W
Rechargeable battery: 7.4V 4400MA
Dia:φ300mm
Housing material: Metal
LED quantity: 60pcs
Frequency: 45±2times/min
Brightness: 8000mcd
Visibility distance: >1000m
Work hour in rainy days: >5-7days
Waterproof: ≥IP65
LED color: yellow



Solar panel: 12V5W
Rechargeable battery: 7.4V 4400MA
Dia:φ300mm
Housing material: Metal
LED quantity: 60pcs
Frequency: 45±2times/min
Brightness: 8000mcd
Visibility distance: >1000m
Work hour in rainy days: >5-7days
Waterproof: ≥IP65
LED color: yellow



Dimension: 600mm
Solar panel: 12V5W
Rechargeable battery: 7.4V4400MA
Frequency: 60/min,
Work mode: flash/constant light
LED color: yellow White red
Brightness: 8000mcd
Visibility distance: >800m
Work hour in rainy days: >5-7 days
Thickness of aluminum plate: 1.5mm
Waterproof: IP65
Reflective sheet: DMG



Dimension:450x600mm
Solar panel: 12V5W
Rechargeable battery: 7.4V4400MA
Frequency: 60/min,
Work mode: flash/constant light
LED color: yellow White red
Brightness: 8000mcd
Visibility distance: >800m
Work hour in rainy days: >5-7 days
Thickness of aluminum plate: 1.5mm
Waterproof: IP65
Reflective sheet: EGP



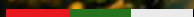
Dimension: 1.2mx400mm
Solar panel: 12V5W
Rechargeable battery: 7.4V4400MA
Frequency: 60/min,
Work mode: flash/constant light
LED color: yellow white red
Brightness: 8000mcd
Visibility distance: >800m
Work hour in rainy days: 5-7 days
Thickness of aluminum plate: 1.5mm
Waterproof: IP65
Reflective sheet: EGP



OUTDOOR / GARDEN'S



MADE IN UAE





OUTDOOR / GARDEN ' S

SMILEY SOLAR WALL LIGHTS



Solar Panel: 2V 100mA solar Monocrystalline silicon PET Laminated panel
Battery: 1.2V 800mAh NIMH rechargeable battery AA
Material: ABS+PC
Housing color: Black
Product size: 7.6 x 3.5 x 13.5cm
Light source: 4LED SMD2835 + 1LED F5
Lumen: 50LM
Color temperature: 6000K White light / 3000K Warm light
Lighting mode: 3 lighting time modes
Lighting time:
Motion sensor + Dim light
Motion sensor
Always on - 8h
Charging time: 5H solar charging
IP Grade: IP55
Switch: Use the Pin to switch turn on and change light modes

RUNWAY SOLAR WALL LIGHTS



5V 250mA solar Monocrystalline silicon PET Laminated panel
Battery: 3.7V 2200mAh Lithium rechargeable battery #18650
Material: ABS+PC
Housing color: Black / White
Product size: 24*8cm
Light source: 18LED SMD2835
Lumen: 200LM
Color temperature:6000K White light / 3000K Warm light
Lighting mode: 1 lighting mode
Lighting time: Always on 8h
Charging time: 5H solar charging
IP Grade:IP55
Switch: Long press 3seconds to turn on shorty press to switch next mode

HOUSE NUMBER SOLAR WALL LIGHTS



Solar Panel: 5V 300mA solar Monocrystalline silicon PET Laminated panel
Battery: 3.7V 1500mAh Lithium rechargeable battery #18650
Material: Stainless Stell +ABS +PC
Housing color: Stainless stell color +Transparent
Product size: 19*4.5*15.3cm
Light source: 10LED SMD2835
Lumen:30LM
Color temperature: 6000K White light / 3000K Warm light
Lighting mode: 3 lighting time modes
Lighting time: White light | Warm light | Natural light
Lighting time: 8h
Charging time: 5H solar charging
IP Grade: IP45
Switch: Long press 3 seconds to turn on & shorty press to switch next mode



OUTDOOR / GARDEN 'S



SOLAR LANTERN LIGHTS

Solar Panel: 2V 250mA solar Monocrystalline silicon PET Laminated panel
Battery: 1.2V 800mAh NIMH rechargeable battery #AA
Material: ABS+ Iron
Housing color: Copper
Product size: 11*18cm
Light source: 2LED F5
Lumen:10LM
Color temperature: 6000K White light + 1700K Amber
Lighting mode: 2 lighting mode
Lighting time: 8h
Charging time: 5H solar charging
IP Grade:IP44
Switch: Toggle switch to turn on



SOLAR LANTERN LIGHTS

Solar Panel: 2V 150mA solar Monocrystalline silicon PET Laminated panel
Battery: 1.2V 600mAh NIMH rechargeable battery #AAA
Material: ABS+ Iron
Housing color: Gold + Green
Product size: 17*32cm
Light source: 50LED
Lumen:10LM
Color temperature: 3000K Warm light
Lighting time: 8h
Charging time: 5h solar charging
IP Grade: IP44
Switch: Toggle switch to turn on



SOLAR LANTERN LIGHTS

Solar Panel: 2V 250mA solar Monocrystalline silicon PET Laminated panel
Battery: 1.2V 800mAh NIMH rechargeable battery #AA
Material: ABS + Iron
Housing color: Black / White
Product size: 9*12.5cm
Light source: 2LED F5
Lumen:10LM
Color temperature:6000K White light + 1700K Amber
Lighting mode: 2 lighting mode
Lighting time: 8h
Charging time: 5H solar charging
IP Grade:IP44
Switch: Toggle switch to turn on





S M A L L L I G H T



Product number:	YH1901A
product name:	Solar Mushroom Desk Lamp
Solar panels:	polysilicon5V 0.6W
Battery:	lithium battery3.7V/2200MAH
light source:	2835 LED *18pcs
lumen:	20-200 lumens
Color temperature:	4000K
length of work:	Four levels of constant light: 15, 12, 8, 5 hours
Charging time:	TYPE-C:2Hour
FUNCTION:	1. Outdoor solar desk lamp, independent solar power generation, automatic light switch; 2. Indoor rechargeable desk lamp, with indoor 5V charging line, can light up for a long time; 3. For outdoor use, indoor charging, when the lighting conditions are insufficient, the power can be replenished indoors. For outdoor use.
waterproof level:	IP54
Material:	PC,ABS
color:	Lampshade milky white/frosted interior, lamp pole + base color number RAL7016



Product number:	YH1902
product name:	Solar Mushroom Desk Lamp
Solar panels:	polysilicon5V 0.6W
Battery:	lithium battery3.7V/2200MAH
light source:	2835 LED *20pcs
lumen:	20-200 lumens
Color temperature:	4000K
length of work:	Four levels of constant light: 15, 12, 8, 5 hours
Charging time:	TYPE-C:2Hour
FUNCTION:	1. Outdoor solar desk lamp, independent solar power generation, automatic light switch; 2. Indoor rechargeable desk lamp, with indoor 5V charging line, can light up for a long time; 3. For outdoor use, indoor charging, when the lighting conditions are insufficient, the power can be replenished indoors. For outdoor use.
waterproof level:	IP54
Material:	PC,ABS
color:	Lampshade milky white/frosted interior, lamp pole + base color number RAL7016



S M A L L L I G H T



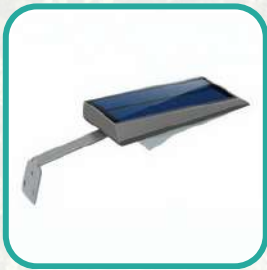
Product number:	YH0614
product name:	square fence atmosphere light
Solar panels:	Polysilicon 4V 0.3W
Battery:	Lithium iron phosphate 3.2V/500mah
light source:	2835 lamp beads
lumen:	20LM
Color temperature:	2800~3200K
length of work:	6-12H
Charging time:	Standard sunlight charging 4.5H-6
FUNCTION:	Yellow light always on +Breathing Dual Mode
waterproof level:	IPX4
Material:	ABS+PS
color:	black



Product number:	YH0613
product name:	Circular fence atmosphere light
Solar panels:	Polysilicon 4V 0.3W
Battery:	Lithium iron phosphate 3.2V/500mah
light source:	2835 lamp beads
lumen:	20LM
Color temperature:	2800~3200K
length of work:	6-12H
Charging time:	Standard sunlight charging 4.5H-6
FUNCTION:	yellow light+Breathing Dual Mode
waterproof level:	IPX4
Material:	ABS+PS
color:	black



SMALL LIGHT



Product number:	YH0611B-PIR
product name:	sensor light
Solar panels:	polysiliconPETLaminated solar panels5V/1.5W
Battery:	Lithium iron phosphate battery3.7V/1200MAH
light source:	18pcs/SMD2835# White SMD LED
lumen:	Induction highlight:300LMAlways on and low on30LM
Color temperature:	White light 6000-7000K/warm light 2500-3500K
length of work:	10Hours
Charging time:	8-10H
FUNCTION:	
waterproof level:	IPX4
Material:	ABS, aluminum alloy/PC
color:	silver plus gray silver
other:	ON/OFF switch



Product number:	YH0607-PIR
product name:	Solar human body sensor wall lamp
Solar panels:	poly silicon 60*60 4V/0.4W
Battery:	3.2v 500MAH/14500lithium battery
light source:	2Pcs SMT led (2.8*3.4 3*5.2)
brightness:	50-60LM
Color temperature:	2500-3500Kor6000-7000KOptional
length of work:	8-12 hours
Charging time:	4.5 hours
FUNCTION:	Human body induction: Sensing distance 6M,Sensing angle 90 Degree, people are lighting up, people walking delay 38 seconds, the maximum number of sensor lights per night is 60 Second-rate.
waterproof level:	IPX4
Material:	Impermeable to steel and plastic
other:	ON/OFFswitch



S M A L L L I G H T



Product number:	YH1001-2
product name:	Solar metal shed light/chandelier
Solar panels:	Solar panels 4V 3.5W
Battery:	3.2V 4400MAH Lithium Iron Phosphate
light source:	2X16PCS X0.2W COB LED
lumen:	2X(50-100LM)
Color temperature:	2500-3500K or 6000-7000K
length of work:	6H, 8H, 12H Three-speed remote control
Charging time:	Under standard strong light 5-6h
FUNCTION:	Light control, The solar panel charges the battery during the day and automatically turns on the lights at night. 5-level remote control switch control: 1st level lights up for 6 hours, 2nd level lights up for 8 hours, 3rd level lights up for 12 hours, 4th gear lights up during the day, and 5th gear turns off the lights
waterproof level:	IPX4
Material:	Stainless steel black and white plating+Glass+ABS
other:	High/Low/OFF



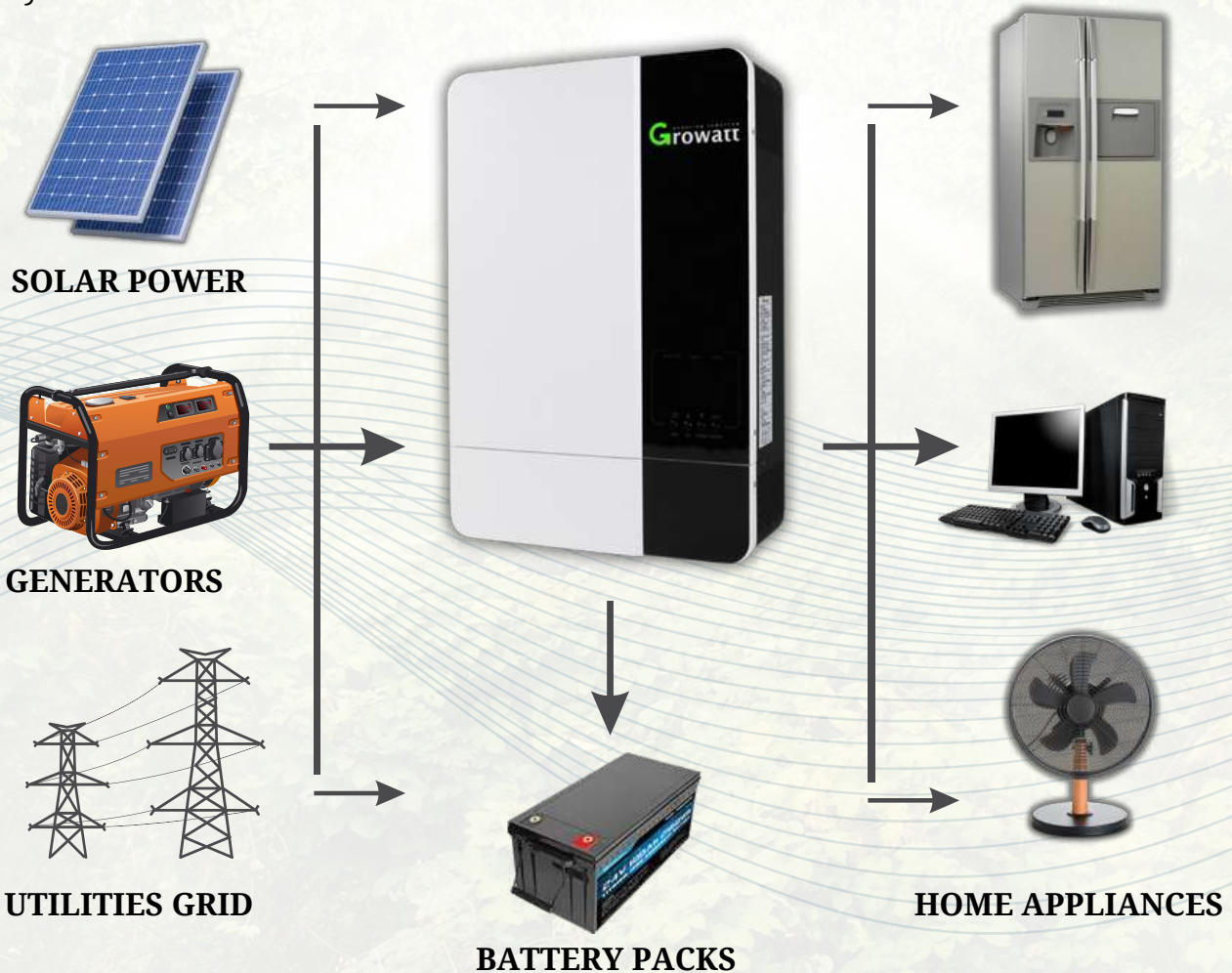
Product number:	YH1202
product name:	Solar single head chandelier
Solar panels:	Polycrystalline silicon solar panel/5V 3.5W
Battery:	Lithium iron battery 22650#-3.2V 2200MAH *2
light source:	16PCS x 0.2W 2835#LED
lumen:	M1 310LM M2 180LM M3 120LM M4 180LM
Color temperature:	2500-3500K or 6000-7000K
length of work:	M1, M2, M3, M4 model, 6-12 Hour
Charging time:	Charging under standard sunlight 4-6H
FUNCTION:	Light control, Solar panels charge batteries during the day, Automatically turn on lights at night, Four-speed switch control: Remote control (M1) files 6 hour mode; remote control (M2) 8 hour mode; Remote control (M3) files 12 hour mode; remote control (M4) mode lights up during the day 8 hour mode .
waterproof level:	IP45
Material:	ABS, PC, PP, Glass
other:	Light control+Time control



I N V E R T E R S

GROWATT SPF 5000 ES

Is an inverter that can operate both with and without a battery. The maximum input voltage is 450VDC. Integration of an MPPT charge controller optimizes charging and discharging of the battery, making it last as long as possible. Priority can be given to charging via the grid or the connected PV system.



- Integrated MPPT charge controller.
- Equalization charging function.
- Work with battery or without battery.
- Maximum PV input voltage up to 450VDC.
- Configurable grid or solar input priority.
- Optional WIFI/ GPRS remote monitoring.
- Support parallel operation for capacity expansion up to 30kW.
- PV and Grid power the load jointly if PV energy is insufficient.
- Flexible schedule of the Inverter charging and discharging time.



S O L A R P A N E L C C T V



Introducing the Solar Dual Linkage Battery PTZ Camera, the perfect solution for outdoor surveillance. This wireless CCTV camera is equipped with an 8MP camera lens and features a solar-powered dual camera system. The camera is waterproof, making it ideal for outdoor use, and can be customized to fit specific project requirements.

The camera comes in three different models, the D5, Y5, and S5. The D5 is designed with a fixed-focus lens, which means the size of the object being photographed will not change. The Y5 features a 4x zoom, allowing users to magnify the object being photographed up to 4 times, while the S5 offers a powerful 10x zoom, which means the object being photographed can be magnified up to 10 times.

With all of its advanced features, the Solar Dual Linkage Battery PTZ Camera is an excellent choice for anyone looking for a reliable, high-quality outdoor surveillance camera. Choose from our different camera models based on your needs and project requirements, and enjoy clear, detailed surveillance footage of your outdoor space. Find out how our Solar Dual Linkage Battery PTZ Camera can fulfill your requirements by contacting us today.





WHY CHOOSING US



At **GCC Energy**, we aim to provide our customers with reliable, custom-made solar energy products that are designed to meet their unique requirements. Our products offer a range of advantages, including increased power output, greater efficiency, and a longer lifespan.

Expertise - As an experienced UAE-based company, we have a deep understanding of the solar energy industry and can provide expert advice and guidance to our customers.

Customization - We offer custom-made solar energy products that can be tailored to meet our customers' specific requirements. This means that our products are ideal for different applications, and we can cater to a broad range of customer needs.

Reliability - Our solar energy products are made in the UAE, ensuring their quality and reliability. This means that our customers can trust our products to deliver consistent performance and meet their energy needs.

Performance - Our solar energy products feature advanced technology and design, resulting in higher power output and greater efficiency.



Sustainability - Our solar energy products are environmentally friendly and sustainable, providing an eco-friendly alternative to traditional energy sources.

Local Production - Our solar energy products are made in the UAE, supporting the local economy and reducing transportation costs associated with importing products from other countries.

We are proud of our UAE-made solar energy products and are committed to providing our customers with reliable, cost-effective, and sustainable energy solutions. We welcome partnerships and are open to dealing with resellers worldwide, ensuring that our products are available to customers around the globe. With GCC Energy, customers can enjoy a reliable and sustainable source of energy that is tailored to meet their unique needs. Join us today and become a partner in a more sustainable future.

MADE IN UAE





"EMPOWERING COMMUNITIES WITH SUSTAINABLE SOLAR ENERGY"



GCC ENERGY GROUP

SHED 12, UNITS 2, 3, & 4 AL HAMRA INDUSTRIAL ZONE - FZ RAS AL KHAIMAH-UAE



+971507034525



[HTTPS://GCCENERGYGROUP.COM](https://gccenergygroup.com)



[INFO@GCCENERGYGROUP.COM](mailto:info@gccenergygroup.com)

