

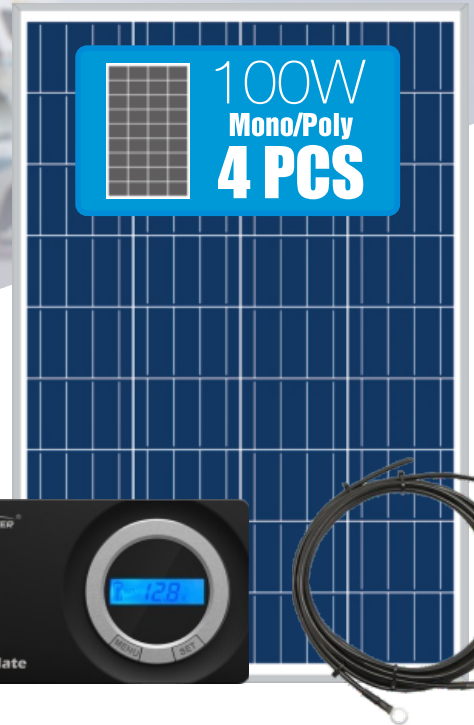


PERLIGHT
smart.black

Standard Frame Solar Panel

400W SOLAR KITS FOR RV

High Efficiency RV Solar System (12VDC)



Available
Loads:



LED LIGHT



DC FAN



CELL PHONE



LAPTOP



TABLET PC



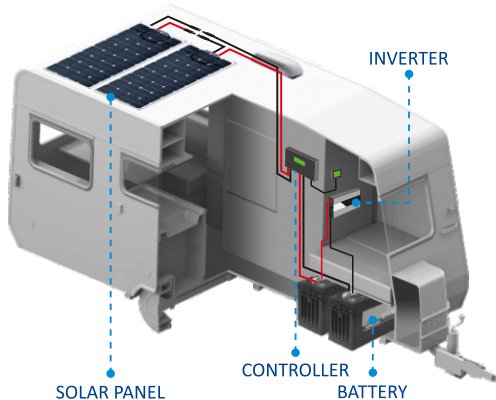
TV



KITCHEN APPLIANCE



CAR REFRIGERATOR



Solar power perfectly complements RV travel and lifestyle. It's a clean, quiet and eco-friendly source of power.

By outfitting your RV with solar panels, you can benefit from this free power source. A good installation allows you to charge your batteries independently and comes with low maintenance and a long lifespan.

Raygleam supply the best RV solar panels and complete solar kits for RV use that include a wide selection solar panels, solar controller, an inverter, batteries and everything you need for outfitting your RV with solar power for the first time.

PERLIGHT SOLAR

Founded in 2006, Perlight Solar is growing to be the world leading residential smart solar PV products manufacturer & service provider.

Based on more than 30 years manufacturing experience of Baolite Group, along with the implementation of MES & ERP system, Perlight Solar have realized lean and flexible manufacturing of solar cell & solar module.

With corporate values "Customer First, Talent Excellence, Pragmatic Innovation, Integrity & Win-Win", Perlight Solar will continue to provide excellent smart energy products & service to global families and vision to be the leading brand in global distributed smart energy.

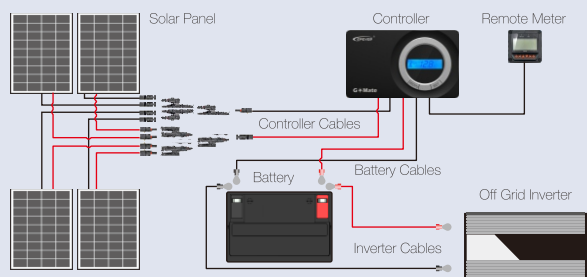


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400W SOLAR KITS FOR RV

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CONNECTION DIAGRAM:



KEY FEATURES:

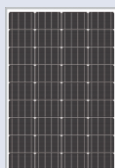
- Use the highest efficiency PERC solar cells for mono panel
- All panels be strictly tested by EL and no-hot spot heating
- Special designed and aesthetically clean and integrated controller for RV
- Lightweight and easy to install inverter can provide steady AC power for your adventure
- Any accessories you choose will meet all your budget and needs

400W



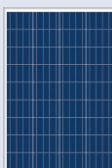
Item	Included and Description	Quantities	Remarks
A01	Mono RV 100W Solar Panel	4 pcs	Optional
A02	PWM designed specifically for RV 30A	1 pcs	
A03	Off Grid solar inverter 300W	1 pcs	Optional
A04	Controller Cable 4.0 mm2	10 meters	Solar Panel to Controller
A05	Battery Cable 4.0 mm2	5 meters	Controller to Battery
A06	Inverter Cable 4.0 mm2	1 meters	Battery to Inverter (Optional)
A07	Cable Entry	1 pcs	
A08	MC4 Parallel Branch Connector	3 pair	
A09	ABS/Z Mounting Brackets	2 set	Optional
A10	Real-Time Remote Meter	1 pcs	Optional

Mono Solar Panel/RG-100M-12



Pmax (W): 100W
Max. system Voltage: 600V DC
Vmp (V): 17.1V
Imp (A): 5.85A
Voc (V): 22.3V
Isc (A): 6.33A
Weight: 9.5Kg
Dimensions: 1127×676×35mm

Poly Solar Panel/RG-100P-12



Pmax (W): 150W
Max. system Voltage: 600V DC
Vmp (V): 17.7V
Imp (A): 5.65A
Voc (V): 22.0V
Isc (A): 6.21A
Weight: 9.5Kg
Dimensions: 1127×676×35mm

PWM Controller / GM3024N

Nominal Voltage: 12V/24V or Auto
Rated Charge Current: 30A
Max. PV input Voltage: 50V
Max. PV input Power: 500W

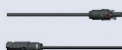


Off Grid Inverter



Rated Power: 300W
Output Waveform: Modified Sine Wave
DC input Voltage: 12V of 24V
AC output Voltage: 110V or 220V

Controller Cable (A Pair)



Length: 10 meter
Sqmm (mm²): 4.0
Rating Voltage: 600/1000V
Temperature: -45°C+80°C

Battery Cable (A Pair)



Length: 5 meter
Sqmm (mm²): 4.0
Rating Voltage: 600/1000V
Temperature: -45°C+80°C

Inverter Cable (A Pair)



Length: 1 meter
Sqmm (mm²): 4.0
Rating Voltage: 600/1000V
Temperature: -45°C+80°C

MC4 Parallel Branch Connector



Withstanding Voltage: 600/1000V
Protection Degree: IP67
Wiring Size Range: 2.5, 4.0 and 6.0mm²
Temperature: -45°C+80°C

ABS Mounting Bracket (Set)



UV-resistant ABS Plastic
8 ABS Corner Brackets
16 Long Cap Bolts
16 Nuts

Cable Entry

Materials: UV-resistant ABS Plastic
Weight: 0.5Kg
Dimensions: 90×100×8mm
Cable Gland Diameter Range: 6-12mm

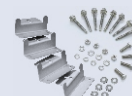


Real-Time Remote Meter

Model: MT50
Communication Range: ≤15m
Dimensions: 114×114mm
Temperature: -20°C+70°C



Z Mounting Bracket (Set)



32 Long Cap Bolts and 4 Short Bolts
16 Spring Washers and 4 Washers
16 Z Shape Solar Panel Brackets
16 Nuts

WARRANTY:

Solar Panels: 25-year power output warranty. 8 year/95% efficiency rate, 10 year/90% efficiency rate, 25-year/80% efficiency rate. 7-year material and workmanship warranty
Solar Inverter: 2-years quality warranty (Free replacement and maintenance).
Solar Controller: 2-years quality warranty (Free replacement and maintenance).
Other Accessories: 1-year

PERLIGHT SOLAR CO.,LTD.

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