



2016 CATALOG

SOLAR ENERGY • LED LIGHTING • INVERTERS

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ECOSOLPLANET.COM

1-888-400-9863

LED LIGHTING



- Indoor or outdoor
- 24 ft - Adhesive tape
- 16 colors - Remote control
- White or black strip



Model #	Description
ESPLED-120V-24	24-ft 120V / 12V LED Color Strip Kit
ESPLED-12V-24	24-ft 12V LED Color Strip Kit



Underwater models available - IP 68



Powerful lighting - Energy savings of 90% - Constant current controller

Photos	Description	Model #	Lumens	Consumption (Equivalent)
 	G4 6 LED	ESPLED-G4-6 : Cool White ESPLED-6xG4-6: 6x Cool White ESPLED-G4-6W : Warm White ESPLED-6xG4-6W: 6x Warm White	95 lm 85 lm	1.1 watt (20 watts)
 	G4 12 LED	ESPLED-G4-12 : Cool White ESPLED-6xG4-12 : 6x Cool White ESPLED-G4-12W : Warm White ESPLED-6xG4-12W : 6x Warm White	180 lm 170 lm	2.1 watts (20 watts)
 	G4 "L Pin" 12 LED	ESPLED-LG4-12 : Cool White ESPLED-LG4-12W : Warm White	180 lm 170 lm	2.1 watts (20 watts)
 	G4 "Back Pin" 12 LED	ESPLED-BG4-12 : Cool White ESPLED-BG4-12W : Warm White	180 lm 170 lm	2.1 watts (20 watts)
  	360 Degrees G4	ESPLED-360G4-5 : Cool White ESPLED-6x360G4-5 : 6x Cool White ESPLED-360G4-5W : Warm White ESPLED-6x360G4-5W: 6x Warm White ESPLED-360G4-9 : Cool White ESPLED-360G4-9W : Warm White ESPLED-360G4-18 : Cool White ESPLED-360G4-18W : Warm White	50 lm 45 lm 140 lm 130 lm 265 lm 250 lm	1.1 watt (20 watts) 1.6 watt (20 watts) 3 watts (30 watts)
 	12-inch T5 Base 18-inch T8 Base	ESPLED-T5-12 : Cool White ESPLED-T5-12W : Warm White ESPLED-T8-18 : Cool White ESPLED-T8-18W : Warm White	425 lm 400 lm 625 lm 575 lm	5 watts (50 watts) 6.5 watts (65 watts)
 	Bayonet Base Lightbulb 12V Lightbulb	ESPLED-BA15S-3W : Cool White ESPLED-BA15S-W3W : Warm White ESPLED-3W : Cool White ESPLED-W3W : Warm White ESPLED-5W : Cool White ESPLED-W5W : Warm White	250 lm 230 lm 250 lm 230 lm 425 lm 400 lm	3 watts (35 watts) 3 watts (35 watts) 5 watts (60 watts)



You must remove the ballast in order to install your LED neon tube.

Powerful lighting - Energy savings of 90% - Constant current controller

Photos	Description	Model #	Lumens	Consumption (Equivalent)
	# 921 # 1141 # 1156 Directional lighting with swivel base 901, 904, 906, 908, 909, 912, 914, 915, 916, 917, 918, 920, 921, 922, 923, 926, 927, 928, 939, 1073, 1093, 1129, 1141, 1156, 1159, 1195, 1259, 1295, 1459, 1619, 1651, 1680, 3497, 5007, 5008, 7506, 7527.	ESPLED-multi-12 : Cool White ESPLED-6pack : 6x Cool White ESPLED-multi-12W : Warm White ESPLED-6packW : 6x Warm White	180 lm 170 lm	2.1 watts (20 watts)
	# 921 # 912 901, 904, 906, 908, 909, 914, 915, 916, 917, 918, 920, 921, 922, 923, 926, 927, 928, 939.	ESPLED-T10-13 : Cool White ESPLED-T10-13W : Warm White ESPLED-T10-9 : Cool White ESPLED-T10-9W : Warm White	120 lm 110 lm 80 lm 75 lm	1.3 watt (20 watts) 1 watt (20 watts)
	# 1141 # 1156 1003, 1073, 1093, 1129, 1141, 1156, 1159, 1195, 1259, 1295, 1459, 1619, 1651, 1680, 3497, 5007, 5008, 7506, 7527.	ESPLED-BA15S-13 : Cool White ESPLED-BA15S-13W : Warm White ESPLED-BA15S-18 : Cool White ESPLED-BA15S-18W : Warm White ESPLED-BA15S-18A : Amber	190 lm 180 lm 265 lm 250 lm 150 lm	2.3 watts (20 watts) 2.8 watts (20 watts)
	# 1142 1056, 1076, 1142, 69, 90.	ESPLED-BA15D-12 : Cool White ESPLED-6xBA15D-12 : 6x Cool White ESPLED-BA15D-12W : Warm White ESPLED-6xBA15D-12W : 6x Warm White ESPLED-BA15D-13 : Cool White ESPLED-BA15D-13W : Warm White ESPLED-BA15D-18 : Cool White ESPLED-BA15D-18W : Warm White	180 lm 170 lm 190 lm 180 lm 265 lm 250 lm	2.1 watts (20 watts) 2.3 watts (20 watts) 2.8 watts (20 watts)
	# 1157 198, 1016, 1034, 1154, 1157, 1158, 1606, 1662, 2057, 2357, 2397, 7528.	ESPLED-BAY15D-13 : Cool White ESPLED-BAY15D-18 : Cool White ESPLED-BAY15D-18A : Amber ESPLED-BAY15D-18R : Red	190 lm 265 lm 150 lm 150 lm	2.3 watt (20 watts) 2.8 watt (20 watts) 1.8 watt (20 watts)
	150 degrees Bayonet Base # 57 Miniature Bayonet Base	ESPLED-BAU15S-18 : Cool White ESPLED-BA9S-5 : Cool White ESPLED-BA9S-5R : Red ESPLED-BA9S-5G : Green	170 lm 50 lm 40 lm 40 lm	1.8 watt (20 watts) 1 watt (15 watts)
	# 194 158, 160, 161, 168, 175, 192, 193, 194, 558, 579, 658, 2821, 2825, 2827, 2886, 3652.	ESPLED-6x194 : 6x Cool White ESPLED-T10-5 : Cool White	30 lm 50 lm	1 watt (15 watts) 1 watt (15 watts)
	# 3156 # 3157 3047, 3057, 3155, 3156, 3157, 3357, 3454, 3457, 3757, 4057, 4114, 4157, 5702	ESPLED-3156-27 : Cool White ESPLED-3157-27 : Cool White ESPLED-3157-R : Red ESPLED-3157-HiR : High Intensity Red	345 lm 150 lm 350 lm	4 watts (40 watts) 2.7 watts (30 watts) 5 watts (50 watts)
	Festoon 36mm - 39mm - 42mm : 360 Degrees 31mm - 36mm - 39mm - 41mm : High Intensity	ESPLED-F36-360W : Warm White 360 Degrees F36-F39-F42 ESPLED-F31-Hi : Cool White High Intensity F31-F36-F39-F41	120 lm 200 lm 100 lm	1.5 / 2.5 watt (20 watts) 1.5 watt (15 watts)

RV SOLAR ENERGY



- ✓ The best performance per square foot
- ✓ Ability to reduce losses due to shade
- ✓ MPPT = 25 to 30% increase performance (18V panels → 12V battery)

RV



- Solar Panel(s)
- Charge Controller
- 30-ft wire
- Stainless steel brackets

Deluxe: MPPT Charge Controller + Display

Model #	Power	Dimensions
ESPrv100	100 watts	47 x 22 in.
ESPrv170	170 watts	59 x 27 in.
ESPrv340	340 watts	2x (59 x 27 in.)
ESPrv510	510 watts	3x (59 x 27 in.)

Standard: PWM Charge Controller

Model #	Power	Dimensions
ESPrvc50	50 watts	28 x 20 in.
ESPrvc100	100 watts	47 x 22 in.
ESPrvc170	170 watts	59 x 27 in.

PORTABLE



- Foldable
- Integrated Controller
- Quick connect
- Carry bag

Deluxe: MPPT Charge Controller + Display

Model #	Power	Dimensions	Weight
ESPexp100M	100 watts	2x (25 x 23 in.)	25 lbs
130-watt Equivalent			

Standard: PWM Charge Controller

Model #	Power	Dimensions	Weight
ESPexp50	50 watts	2x (22 x 11 in.)	12 lbs
ESPexp100P	100 watts	2x (25 x 23 in.)	25 lbs

FLEX



- Solar Panel(s)
- Charge Controller
- 30-ft wire

Deluxe: MPPT Charge Controller + Display

Model #	Power	Dimensions
ESPrvflex100	100 watts	45 x 22 in.
ESPrvflex200	200 watts	2x (45 x 22 in.)

Standard: PWM Charge Controller

Model #	Power	Dimensions
ESPrvcflex50	50 watts	26 x 22 in.
ESPrvcflex100	100 watts	45 x 22 in.

OPTIONS



Charge controller with display



Remote display



Adjustable brackets



Solar plug

**1 Solar Panels**

Portable or fixed on the roof of your vehicle. We offer a wide variety of models.

2 Charge Controller

Protects your battery from overload and short circuits.

3 Deep Cycle Batteries

Store energy and power your appliances.

4 Inverter (optional)

Converts 12V-DC from the battery bank into 120V-AC to power your appliances.

5 Automatic Transfer Switch (optional)

Makes the transfer between different power sources.

DETERMINE YOUR NEEDS

Typical Client	2 people with a small vehicle	2 people	Family
Length of Stay	4 days	7 days	7 days
Daily Consumption			
Lighting (2 lightbulbs)	1h	3h	6h
Waterpump	15 min	30 min	1h
Fan / Radio / CPAP	4h	10h	16h
TV / Laptop	1h	2h	4h
Microwave / Coffee maker	-	5 min	10 min
Recommendations			
WattMobile RV	50 watts	170 watts	340 watts
WattMobile Portable	50 watts	100 watts	-
WattMobile Flex	50 watts	200 watts	400 watts
# of batteries	1	2	4

Recommendations are based on typical consumption of appliances and an average solar energy production for the summer season. 120V appliances require an inverter. Please refer to the device manual for exact consumption.

INVERTERS SEE PAGE 7

Rigid Panels



Flexible Panels

Warranty applicable on the solar panels.

2 year warranty applicable on other components.

MARINE SOLAR ENERGY



✓ The best performance per square foot

✓ Ability to reduce losses due to shade

✓ MPPT charge controller = 25 to 30% increase performance (18V panels → 12V battery)

DETERMINE YOUR NEEDS

Travelling	Moored
To operate a refrigerator = 150 watts of solar power	50 watts of solar power per battery
We recommend for : 5 days : 200 watts More than 5 days : 260 to 340 watts	*Without refrigerator. Varies with the battery size .

Visit our website or ask your dealer for our electrical consumption calculator to help you determine your needs.

MARINE



- Solar Panel(s)
- Charge Controller
- 30-ft wire

Deluxe: MPPT Charge Controller + Display

Model #	Power	Dimensions
ESPkit200	200 watts	2x (47 x 22 in.)
ESPkit340	340 watts	2x (59 x 27 in.)

Standard: PWM Charge Controller

Model #	Power	Dimensions
ESPkit50	50 watts	28 x 20 in.
ESPkit100	100 watts	47 x 22 in.

FLEX



- Solar Panel(s)
- Charge Controller
- 30-ft wire

Deluxe: MPPT Charge Controller + Display

Model #	Power	Dimensions
ESPflexkit200	200 watts	2x (45 x 22 in.)
ESPflexkit260	260 watts	4x (27 x 22 in.)

Standard: PWM Charge Controller

Model #	Power	Dimensions
ESPflexkit50	50 watts	26 x 22 in.
ESPflexkit100	100 watts	45 x 22 in.

OPTIONS



Charge controller with display



Remote display



BlueSky charge controller



Temp sensor

SOLAR ENERGY

SOLAR PANELS

Warranty applicable on the solar panels.

2 year warranty applicable on other components.



Rigid Panels



Flexible Panels

RIGID

Model #	Power	Dimensions
ESP50	50 watts	28 x 20 in.
ESP100	100 watts	47 x 22 in.
ESP170	170 watts	59 x 27 in.

FLEX

Model #	Power	Dimensions
ESPflex35	35 watts	33 x 11 in.
ESPflex50	50 watts	26 x 22 in.
ESPflex100	100 watts	45 x 22 in.
ESPflex130	130 watts	2x (27 x 22 in.)

CHARGE CONTROLLERS

MPPT WITH DISPLAY



Model #	Description
ESPmppt10	10A - 130 watts
ESPmppt20	20A - 260 watts
ESPmppt30	30A - 390 watts
ESPmppt40	40A - 520 watts
ESPrd	Remote display
ESPtemp	Temp sensor

PWM



Model #	Description
ESPpwm10	10A - 130 watts
ESPpwm20	20A - 260 watts
ESPpwm20d	20A - 260 watts with display

BLUESKY



Model #	Description
SB2000e	25A - 340 watts with display
SB3000i	30A - 400 watts with display
SB3024DiI	40A - 480 watts with display
SB2512ix	25A - 340 watts
ipnrem	Remote display
930-0022-20	Temp sensor

INVERTERS

Built to withstand the impacts and vibrations of our roads.

Appliances	Power Required
For 1 or 2 small appliances: Laptop, TV, fan, radio, CPAP	300 watts
For 1 large appliance: Microwave, coffee maker, toaster	1500 watts
For a combination of appliances:	3000 watts

A Pure Sine Wave inverter is recommended for CPAP devices, espresso machines and desktop computers.

Please refer to the device manual for exact consumption.

Pure Sine Wave

Model #	Description
ESP-806-1206	Xantrex 600 watts
ESP-806-1220	Xantrex 1800 watts
ESP-808-9001	Xantrex Remote Switch
ESP-S300	Tundra 300 watts
ESP-S1800	Tundra 1800 watts
ESP-S3000	Tundra 3000 watts

Modified Wave

Model #	Description
ESP-813-0400	Xantrex 400 watts
ESP-813-1500	Xantrex 1500 watts
ESP-813-3000	Xantrex 3000 watts
ESP-M350	Tundra 350 watts
ESP-M1500	Tundra 1500 watts
ESP-M3000	Tundra 3000 watts

Tundra Inverter Installation Kits

Model #	Description
ESP-M1506	M1500
ESP-S1806	S1800
ESP-SM3006	S3000 or M3000

Transfer Switch

Model #	Description
ESP-TS-30	30-amp
ESP-TS-50	50-amp

We offer a variety of lengths of wire.
Contact us for more information.

USB SOLAR CHARGERS



- Built-in USB adapter
- Lightweight and foldable
- Smartphones, cameras and GPS
- Tablets (14-watt model)



Model #	Power	Dimensions	USB output
ESPxp7	7 watts	2x (6.5 x 9.5 in.)	1-port
ESPxp14	14 watts	2x (7.5 x 12.5 in.)	2-port

THE LIGHTING IN YOUR VEHICLE IS TOO DIM ?



Enhance it with our LED lightbulbs that offer a more powerful lighting and are best suited for your RV.

Did you know that a ceiling dome light consumes 20 watts per hour ? While an LED lightbulb only consumes 2 !



Take a look at our Multi-12 and Multi-12W models that are ideal for ceiling dome lights. Sold individually or in packs of 6.



Available at :



LED UTILITY LIGHTS 12-24V



- Powerful lighting • Waterproof
- -40 to 60°C • Constant current controller 10-30V



Model #	Power	Dimensions	Lumens	Beam
ESPLED-utl-1400	18 watts	3 x 1.7 x 3.6 in.	1400 lm	Flood
ESPLED-utl-3500	48 watts	4.4 x 2.9 x 4.4 in.	3500 lm	Flood
ESPLED-utl-8000	120 watts	21 x 3.2 x 3.5 in.	8000 lm	Combo

Other models available on demand.