



Renewable energy
for a green future.

SOLAR LED STREET LIGHTS BRIGHT FUTURE



SOLAR LED LIGHTING SYSTEMS



Bright-FUTURE is the innovative LED lighting solution from the German manufacturer of Solar LED Lighting Systems, VERYSOL GmbH.

VERYSOL's products are made for the service on streets, parking lots or pathways, without the need of a connection to the Grid-Power, no cable laying, no electricity costs and no CO₂ emissions.

Through the combination of solar power and efficient LED technology are the systems reliable with state-of-the-art components in use.

The LED lamp has unique features including high efficiency, a special array of the LEDs, low power consumption, a bright illumination and a wide illuminated area. The self-sustaining operating mode makes the system a flexible isolated application, available in different models S/M/L and with optional accessories.

Available accessories include illuminated advertising boxes, surveillance cameras or remote control.

These features make VERYSOL's systems superior compared to competitive products.

In order to achieve the best performance and functionality is each system customized, according to the clients requirements, the environment and local conditions at site.

Therefore is the tilt angle of the solar panel, the type of battery and the luminary chosen according to the sunshine hours and needed lighting level at the installation site.

Products Made in Germany

The system Bright-Future is made by VERYSOL in Germany, complying with highest quality standards.

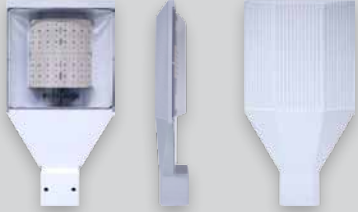


The result is a reliable product with a long service life and almost no need for maintenance.





Worldwide installations proofed the systems to be resistant to climate conditions like snow, ice, heat and sandstorms, while performing perfectly.

The outstanding durability of VERYSOL's products exceeds expectations and satisfies all requirements.

Make yourself independent from the grid-power, by using self-sufficient power generators made by VERYSOL, while saving energy costs and the environment.

HIGH PERFORMANCE COMPONENTS

Item	Technical Parameters	Description	Picture
Solar Panel	Rated Power: 50 - 290 Watt Rated Voltage: 12/24 Volt Rated Current: 3,5 - 8,4 A Cell Efficiency: 12,5% - 15% Technology: Silicon, Off-Grid Working Temp.: -40°C - +80°C	The Off-Grid panels are made for all remote applications, also in saline and dirty environments, tested worldwide. Certified with TUV IEC 61215, IEC 61730, DIN EN ISO 9227-NSS, CE, RoHS	
Luminaire	Technology: LED Rated Power: 12 - 110 Watt Max. Power: 120 Watt Rated Voltage: 12/24/220 Volt Working Temp.: -30°C - +60°C	The lamp head has a special light distribution and thermal management to ensure a maximum of illumination and life time. The casing is made of aluminum and is powder coated.	
Battery	Technology: AGM Capacity: 20 - 450 AH Rated Voltage: 12/24 Volt Lifetime: 6 - 8 Years Max. DOD*: 80%	These high quality batteries ensure an uninterrupted power supply and long life time up to 8 years. Different models are available to supply the system with uninterrupted power.	
Controller	Rated Voltage: 12/24 Volt Rated Power: 4 - 40 A Technology: Intelligent Protections: Overcharge, Deep-Discharge	The intelligent controller charges the batteries in the best and safest way to ensure a great life time and performance, while enabling the user to set different lighting schemes during the night.	

Accessories	Description	Picture
Advertising Box	Placable at any position on the lantern. The illuminated advertising boxes can contain one or more motives. Any size of advertisement is choosable.	
Wireless Camera	The Camera transmits videos wireless when activated by any movement on the protected premises.	
GSM / GPRS Controller	This application enables the customer to have remote access to the system, shut it off and on using a cell phone or computer. Alarm SMS can be sent in case of unexpected operations.	
Remote Control	This device enables the user to turn the light on and off from a distance of up to 150 meter using a small remote control.	

* DOD = Depth Of Discharge

Similar figures, not true to scale

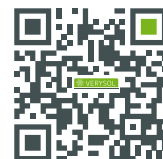
SYSTEM EXAMPLES

System	Bright Future ,S'	Bright Future ,M'	Bright Future ,L'
LED Luminaire	33 Watt	50 Watt	65 Watt
Voltage	12 Volt	12 Volt	24 Volt
Luminous Flux	3336 Lumen	5280 Lumen	6540 Lumen
Light Source	24 LEDs, High Power	48 LEDs, High Power	48 LEDs, High Power
Color Temperature	White 5500°K	White 5500°K	White 5500°K
Solar Panel	130 Watt	180 Watt	260 Watt
Voltage	12 Volt	12 Volt	24 Volt
Current	7.6 A	10 A	7.6 A
Technology	Silicon - Off-Grid	Silicon - Off-Grid	Silicon - Off-Grid
Battery	135 Ah	210 Ah	135 Ah
Voltage	12 Volt	12 Volt	24 Volt
Capacity	1620 Watt	2520 Watt	3240 Watt
Technology	AGM	AGM	AGM
Discharge Cycles at 50%	Minimum 1500 Cycles	Minimum 1500 Cycles	Minimum 1500 Cycles
Controller	10 A	20 A	40 A



VERYSOL GmbH
 Sonnenstrasse 84
 44139 Dortmund
 Germany

☎ +49 (0) 231 / 1 77 24 12
 📠 +49 (0) 231 / 4 77 20 18
 ✉ info@verysol.eu
 🌐 www.verysol.eu





Renewable energy
for a green future.

SOLAR LED STREET LIGHTS BRIGHT FUTURE

