

For a Free Quote:

Web: **EnergyPal.com/solar**

Call: **1-800-990-3725**

Email: **contact@energypal.com**

EnergyPal

Solar Panel Guide Specification Data Sheet

Shenzhen Sungold Solar Co., Ltd.

LVP Series 80-120W

LVP 80W A

Also available on the web at
EnergyPal.com/shenzhen-sungold-solar-co-ltd-solar-panels/lvp-80w-a

PORTABLE SOLAR PANEL

FOLDING SOLAR PANEL LVP SERIES



This new super thin lightweight folding solar panel range is revolutionizing the 12V rigid folding solar panel market . Constructed from A-Grade mono-crystalline solar cells, The Latest ETFE lamination textured film and a 23mm lightweight and thin frame . Made them dirt resistant and self-cleaning, minimizing the impact on solar output.



Accessories description :

Advanced fully automated solar charge controller provides complete overcharge protection and supports several battery types. Our unique fold-out stand can be adjusted for the height of the sun. Complete folding solar kit solar charge controller, Anderson plug, battery clips and adjustable aluminium stand are easy to charge. Includes an attractive and strong storage bag.

High quality foldable solar panel, portable for mobile charging in camping/hiking. This folding solar panel can charge any 12V battery with 5m cable alligator clip.

Stainless steel telescopic legs (can freely rotate 180 degrees). Suitable for home/caravans/camper, with a charge controller with LED charge status display and electronic circuit protection.



Accessories description :

- H Adjustable, corrosion-resistant aluminium stand and frame with heavy duty handle and latches for longevity.
- H 12V 10A PWM Solar charge controller compatible with gel, sealed, and flooded batteries.
- H Portability with Easy carry case
- H Excellent value with various types of Battery leads (Eye terminals, Alligator clips, Anderson) provided.



Lightweight and easy to carry



- Only 50% weight of the conventional glass rigid folding solar panel.
- It easy to fold up thus allow for easy storage and set up.

Angle adjustable stand design



- The solar panel has a foldable, adjustable stand design that will ensure you can enjoy the best angle for increased efficiency of your solar panel.

Smart-magnet system

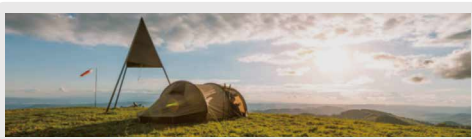


- A smart-magnet system to keep your panel closed without the need for bulky latches.
- The wiring harness,the USB and the battery clip are separate and thus can be used with the Anderson plug for quick connection.

100% weatherproof



- Constructed with stainless steel and aluminium fittings which means you never have to worry about rust, 100% weatherproof.



Applications: Ideal for Disaster Recovery, RV and Camping, Boating, Fishing, Emergency Power and more

Lightweight Solar Panel

SPECIFICATIONS

Model:	LVP-80W A	LVP-90W A	LVP-100W A	LVP-120W A
Maximun power:	2'40W	2'45W	2'50W	2'60W
Operating voltage(Vmp):	19.8	19.8	19.8	19.8
Current(Imp):	4.04	4.55	5.05	6.06
Open cicuit voltage(Voc):	23.4	23.4	23.4	23.4
Short-circuit current(Isc):	4.28	4.82	5.35	6.42
Cells Efficiency(%):	20.60%	20.60%	20.60%	20.60%
Operating Temperature(C):	-10 C ~+60 C			
The maximun system voltage:	60VDC(IEC)			
Output power tolerance:	15A			
Power temperature coefficient:	±3%			
Voltage temperature coefficient:	-0.43% / C			
Current temperature coefficient:	-0.34% / C			
NOCT:	+0.05% / C			
No.of cells:	45±2 C			
Component Size:	510x515x50	560x515x50	615x515x50	715x515x50
weight:	4.50kg	5.00kg	5.50kg	6.30kg
Measured at STC Condition: Irradiance:1.000W/m ² -AM1.5 Spectrum-Temperature: 25 C Electrical parameters may vary by ±3%				

Glass Solar Panel

SPECIFICATIONS

Model:	LVP-80W Q	LVP-90W Q	LVP-100W Q	LVP-120W Q
Maximun power:	2'40W	2'45W	2'50W	2'60W
Operating voltage(Vmp):	19.8	19.8	19.8	19.8
Current(Imp):	4.04	4.55	5.05	6.06
Open cicuit voltage(Voc):	23.4	23.4	23.4	23.4
Short-circuit current(Isc):	4.28	4.82	5.35	6.42
Cells Efficiency(%):	20.60%	20.60%	20.60%	20.60%
Operating Temperature(C):	-40 C ~+70 C			
The maximun system voltage:	60VDC(IEC)			
Output power tolerance:	15A			
Power temperature coefficient:	±3%			
Voltage temperature coefficient:	-0.43% / C			
Current temperature coefficient:	-0.34% / C			
NOCT:	+0.05% / C			
No.of cells:	45±2 C			
Component Size:	510x515x50	560x515x50	615x515x50	715x515x50
weight:	6.00kg	6.10kg	7.00kg	7.50kg
Measured at STC Condition: Irradiance:1.000W/m ² -AM1.5 Spectrum-Temperature: 25 C Electrical parameters may vary by ±3%				