



# CLASS 1 DIVISION 2 SOLAR MODULES

The Solarland® range of class 1 division 2 solar modules offer outstanding performance and reliability in the most demanding of applications.

For over a decade solarland® has been designing and manufacturing the highest quality solar panels for the off-grid solar industry.

Our relentless pursuit of product excellence has allowed us to continually meet and exceed our customers requirements.



\*Photograph shows typical module appearance but actual module appearance may vary.

### Features:

- Nominal 12VDC output
- Heavy duty anodized frames
- Rugged design to meet UL1703 C1D2 requirements
- Highly transparent, low iron tempered glass
- Outstanding low light performance

### Warranty:

- 2 years materials and workmanship
- 12 year 90% minimum power output
- 25 year 80% minimum power output

### Quality and certifications:



Certified to UL1703 and cUL1703  
Certified for use in class 1,  
division 2 hazardous environments



All solarland factories are ISO 9001  
certified to ensure only the highest  
manufacturing and quality control.

### Serving the following industries:

Oil & Gas



Communications



Traffic sign & signals



Utilities



Water pumping



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**Anodized Frames**  
Silver Anodized Aluminum



**Highly Efficient Cells**  
High Efficient Cells Ensuring  
Maximum Power Output



**Junction Box**  
Conduit Ready Junction Box  
Flexibility for Various  
Applications



**Mounting**  
Various Mounting Options  
for Pole, Wall & Roof

## Speadsheet of all panels available

New model number	Connection Description	Voltage(V)	Wattage	Dimension (mm)			Electrical Performance						
				Length	Width	Thickness	Maximum System Voltage(V)	Maximum pulse/current rating(A)	Pmax (W)	Voc(V)	Isc(A)	Vmp(V)	Imp(A)
SLP020-12	Large J-Box	12	20	425	502	50	600	3.0	20	21.6	1.31	17.2	1.16
SLP045-12	Large J-Box	12	45	655	537	50	600	5.0	45	21.6	2.92	17.2	2.62
SLP060-12	Large J-Box	12	60	839	537	50	600	7.0	60	22.0	3.64	17.8	3.37
SLP075-12	Large J-Box	12	75	1111	502	50	600	7.0	75	22.1	4.51	18.4	4.08
SLP090-12	Large J-Box	12	90	1209	537	50	600	10.0	80	21.8	5.51	17.6	5.11
SLP150-12	Large J-Box	12	150	1500	675	50	600	15.0	150	22.2	8.68	18.5	8.11
SLP012-12	Large J-Box	12	12	302	357	30	30	2.0	12	21.6	0.77	17.0	0.70
SLP025-12	Large J-Box	12	25	576	357	30	600	3.0	25	21.7	1.49	18.0	1.39
SLP030-12	Large J-Box	12	30	675	357	30	600	3.0	30	21.6	1.84	17.6	1.71
SLP050-12	Large J-Box	12	50	534	675	35	600	5.0	50	22.0	2.98	18.0	2.78
SLP060-12	Large J-Box	12	60	654	675	35	600	7.0	60	22.0	3.64	17.8	3.37
SLP075-12	Large J-Box	12	75	774	675	35	600	7.0	75	22.1	4.51	18.4	4.08
SLP090-12	Large J-Box	12	90	940	675	35	600	9.0	90	22.1	5.43	17.9	5.03
SLP100-12	Large J-Box	12	100	1062	675	35	600	10.0	100	22.1	5.89	18.3	5.46
SLP150-12	Large J-Box	12	150	1500	675	35	600	15.0	150	22.2	8.68	18.5	8.11