

**For a Free Quote:**

**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

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

**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

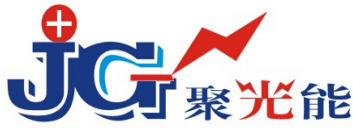
## **Solar Panel Guide Specification Data Sheet**

**Shenzhen Juguangneng Science & Technology Co.,  
Ltd.**

**JGN-180-240W-M**

**JGN-180W**

Also available on the web at  
[EnergyPal.com/shenzhen-juguangneng-science-technology-co-ltd-solar-panels/jgn-180w](http://EnergyPal.com/shenzhen-juguangneng-science-technology-co-ltd-solar-panels/jgn-180w)



# Shenzhen JuGuangNeng Science and Technology Co., Ltd.

## 深圳市聚光能科技有限公司

Add: 6/F, Building A, Shuangjinhui industrial park, Fuyong, Bao'an, Shenzhen city, Guangdong, China

Tel: +86-755-29919483 29919542 Fax: +86-755-29923175 29923173

Website: [www.chinajgn.com](http://www.chinajgn.com)

E-mail: [simon@chinajgn.com](mailto:simon@chinajgn.com)

### Mono and Poly solar panels(Tempered Glass Laminated series)

Model#	Power (W)	No. of cells (in series)	Vmp(V)	Imp(A)	Voc(v)	Isc(A)	Normal Size(mm)-- Monocrystalline	Normal Size(mm)-- Polycrystalline	Net Weight (kg)	Packing (PCS/CTN)
JGN-3W-A	3	12	6	0.50	7.2	0.54	147*175*18		0.35	50
JGN-3W-B	3	24	12	0.25	14.4	0.27			0.35	50
JGN-5W	5	18	9	0.56	10.8	0.60	256*180*18		0.6	50
JGN-10W	10	36	18	0.56	21.6	0.60	345*275*18		1.5	20
JGN-15W	15	36	18	0.83	21.6	0.90	360*340*18	420*340*18	1.7	10
JGN-20W	20	36	18	1.11	21.6	1.20	465*345*25		2.3	10
JGN-30W	30	36	18	1.67	21.6	1.80	620*340*25	500*480*25	2.8	10
JGN-50W	50	36	18	2.78	21.6	3.00	700*535*30		5	5
JGN-60W	60	36	18	3.33	21.6	3.60	765*535*30	680*670*30	5.6	5
JGN-70W	70	36	18	3.89	21.6	4.20	680*670*30	785*670*30	6.4	5
JGN-80W	80	36	18	4.44	21.6	4.80	785*670*30	880*670*30	7.2	5
JGN-100W	100	36	18	5.56	21.6	6.00	1195*535*30	1140*670*30	8.5	5
JGN-120W	120	36	18	6.67	21.6	7.20	1200*670*35	1250*670*35	9	4
JGN-140W	140	36	18	7.78	21.6	8.40	N/A	1480*670*35	9.5	4
JGN-150W	150	36	18	8.33	21.6	9.00	1480*670*35	1480*670*35		
JGN-160W	160	36	18	8.89	21.6	9.60	1480*670*35	N/A		
JGN-180W	180	72	36	5.00	43.2	5.40	1580*800*40	1485*987*40	13	2
JGN-200W	200	72	36	5.56	43.2	6.00	1580*800*40	1485*987*40	14	2
JGN-240W	240	60	30	8.00	36	8.64	1650*987*40		17	1
JGN-250W	250	60	30	8.33	36	9.00	1650*987*40		17	1
JGN-260W	260	60	30	8.66	36	9.36	1650*987*40	N/A	17	1
JGN-280W	280	72	36	7.78	43.2	8.40	1956*987*50	1956*987*50	21	1
JGN-300W	300	72	36	8.33	43.2	9.00	1956*987*50	1956*987*50		
JGN-315W	315	72	36	8.75	43.2	9.45	1956*987*50	N/A		

Remarks:

1. Maximum system voltage: 1000V
2. Maximum series fuse rating: 15A
3. Operating temperature range: -40 to 85°C
4. Maximum static load, front (snow and wind): 5400Pa
5. Maximum static load, back (wind): 2400Pa
6. 25-year warranty: 10 years at 90% of power output, 25 years at 80% of power output.
7. Standard Testing Condition: 1000W/m<sup>2</sup>, AM1.5, 25°C