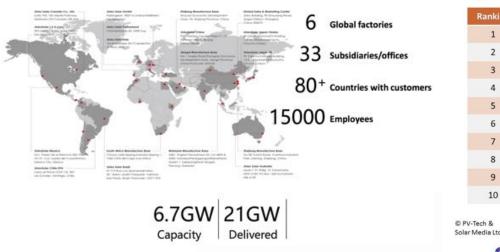


# Why Jinko Solar Modules?



# Global leader in the solar industry

Jinko Solar manufacture a range of high-quality solar products for utility, commercial and residential applications. They have an Australian sales office, which provides local technical and warranty support.



Top-10 Module Suppliers in 2017

Ranking	Producer				
1	JinkoSolar	OSMSL			
2	Trina Solar	<b>OSMSL</b>			
3	Canadian Solar	SMSL			
4	JA Solar	OSMSL			
5	Hanwha Q-CELLS	OSMSL OSMSL			
6	GCL-SI				
7	LONGi Solar				
8	Risen Energy				
9	Shunfeng (incl. Suntech)				
10	Yingli Green				







Jinko Solar manufacture a range high quality Tier 1 solar modules including poly-crystalline, mono-crystalline and PERC modules.

Jinko solar modules sold in Australia are salt mist corrosion resistant and suitable for installation in any location.

Jinko Solar is the world's largest solar module manufacturers with an Australian office that provides ongoing support.

### LEADING INNOVATION

- Smart modules incorporating Enphase microinverters and SolarEdge DC optimisers
- Jinko Solar P-type multi-crystalline cell sets 22.04% efficiency record
- World record Mono 60 cell monocrystalline module output 343.9 Watt (assessed by TUV Rheinland)
- World record Polycrystalline Cr-Si module output 334.5 Watt (assessed by TUV) Rheinland)

Jinko Solar modules are ideal for AC solar and DC optimised solar systems



### **DURABILITY**

The quality of the back sheet used on solar modules is a significant factor in how long modules last.

The back sheet prevents air and moisture ingress, which causes solar modules to fail prematurely. Jinko use a Tedlar backsheet which has been demonstrated by Du Pont to last for more than 30 years. *Please refer to the attached report for further details – Materials Matter* 

Jinko's solar cells are 5% thinker than other major competing products providing improved mechanical strength to avoid micro cracks during transportation and installation.

## **QUALITY**

Jinko Solar has successfully completed the Positive Quality continuous quality assurance program conducted by the Australian Solar Council.



### RELIABILITY

Jinko solar modules have been independently tested for reliability by DNV GL in 2017 and found to be a top performer in all tests. *Please refer to the attached PV Module Reliability Scorecard Report 2017.* 

Jinko Solar has received an outstanding result in the DNV-GL PV Module Reliability Scorecard Report 2017. Jinko Solar was a top performer across all testing categories including thermal cycling, dynamic mechanical load, humidity freeze, damp heat, and PID test

The results validate Jinko Solar's strategy of investing heavily in R&D and a quality bill of materials. Jinko Solar controls quality right across the manufacturing process, from manufacturing ingots in-house, to cutting the wafers, to the completed solar module.



DNV GL is a global quality assurance and risk management company. They provide classification, technical assurance, software and independent expert advisory services to the maritime, oil & gas and energy industries. DNV GL operates in more than 100 countries.

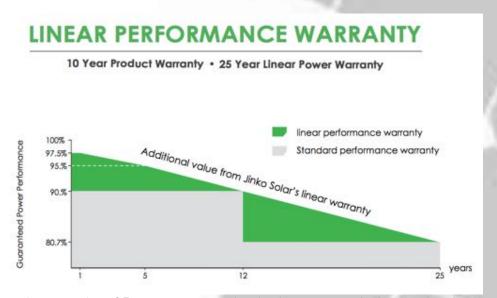
#### **PERFORMANCE**

Choice Magazine in conjunction with CSIRO performed testing on various solar modules in Australia with Jinko solar modules outperforming other manufacturers. They achieved the highest overall score of 91%. Tests were conducted by CSIRO through 2016-17 in Newcastle.

Test made	- tim	- All	- m	Code O PRO-01 281	Gree product )  Formation ACOUNT 2470s	Von pridatel ): Temperature 1978.520 327	Ten pinted )  Barbark 17720 200a	Powerded ) Time 118 JOPCHA
	Canadian CHP Jour	A bole JAPA 40 200000	John (KKDMP 48 A					
last results								
Detail some (N) &	69%	10%	979	14%	846	10%	10%	676
Mexical series committees to marke a	196.2	200.0	230.4	294.6	236.3	801.7	2361	bits
Total special because	334.7	2014	204.7	206-8	336 A	2961	2014	256.6
Annual State of the last	260	262.6	DH.7	280.3	384	842.0	SHIR	266.6
Table per 15000/Fity label 12 honde (MC II	9467	902.9	971.6	291	60.1	water 6	200.0	909
rant per 1000W by laber 5 sundra 1001 s	810.0	900.4	908.8	900 1	805.5	611.6	601.5	601
Distance (N) is	18.8%	1576	1176	179	12.4%	10.0%	11.7%	157%
Comments								
Deed poorts	- tay post performance acress 10 months of molton leading	Very good performance amount 12 months of subtract leading.	Supalarin parlamenta person 12 months of subtool facility	Very good partnerses acress 12 months of subtree leading.	Viery good particing-ups access IG reports of subtime leading.	Very great partition group access 10 months of substance bearing	Very good participance across 12 months of motions learing	Trans good partnersaling access 12 months of subtract teating.
Test permits	- National in particular	- Naming in particular	+ Halling in particular	- hadring in particular.	- feeting is persua-	- flatting to particular	+ Names in particular	- Naming in particular.
perfluence.								
Served reviews (SE)	286	260	260	288	286	BIT	280	280
Introducer traceros 1	14-56	T-9 +700	114-179	David	Cts 100	Fig. 45%	0 to +5%	Ele 10%
Fall (me)	000	881	840	1000	460	1946	465	981
angli (mo)	1638	1660	1990	1675	1945	1996	1940	1600

#### **WARRANTY**

Jinko solar provide a Product Warranty of 10 years and a linear Power Warranty of 25 years. A linear power warranty provides warranty for higher levels of performance throughout the warranty period than standard 2-stage warranties.



Jinko solar also provide a 25-year insurance backed warranty, which provides third party rights to the insurance in case of insolvency or bankruptcy of Jinko Solar.



# Jinko Solar ranked as most 'bankable' PV manufacturer by Bloomberg New Energy **Finance**

Jinko Solar, in addition to being ranked as a top solar brand in debt-financed projects, was named the most "bankable" PV manufacturer by Bloomberg New Energy Finance (BNEF) among 52 module brands. The rankings are based on BNEF's global survey to key PV stakeholders on which module brands used in projects are most likely to obtain non-recourse debt financing from commercial banks.



Royalla Solar Farm, ACT Australia



Bendigo Bank, Australia

# **ACSolar** Warehouse



Brisbane Markets



Chilla NW corner, Australia

# **ACSolar** Warehouse



Chillamurra Solar Farm, Australia



Yulara, Australia