

<https://www.choice.com.au/home-improvement/energy-saving/solar/articles/solar-panel-review>

# Which solar panel is for you?

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*We start to test 15 solar photovoltaic panels including models from Suntech, Trina, Sunpower and more.*



With so many solar panel brands claiming to be the most efficient, the most durable, or the best value over time, picking one can be very hard. That's why we've begun testing solar panels to see which ones really meet their claims.

This test is the first phase of a year-long project and it's too early to begin recommending products. For now, the table below lists the panels we're testing and their specifications.

In a few months' time, when we have more data, we expect to be able to assign scores to each panel and rank them according to how well they meet their claimed power output.

See our other solar panel articles:

- [How we test solar panels](#) gives the full details of how we're testing the solar panels.

- Our [buying guide](#) tells you how panels work and what to consider before having them installed.
- Our [member survey](#) details our members' experiences with different brands' solar panels, inverters and suppliers.

## Solar panels on test

Note that the panels are not listed in rank order as we have not yet assigned performance scores.

Model	Price (\$)	Claimed Nominal Power (W)	Measured Power (W)	Efficiency	Claimed Power Tolerance	Width (mm)	Length (mm)	Type	Colour	Frame Colour	Contact
Sunpower SPR-E20-327	499	327	322.2	0.198	0 to +5%	1045	1558	Mono (IBC)	Black	Black (matt)	sunpower.com.au
Simax SM660-250	430	250	251.7	0.155	0 to +5%	990	1645	Mono	Black	Aluminium	simaxsolar.com.au
LG LG300N1C-B3	373	300	306.8	0.187	0 to +3%	1000	1640	Mono	Black	Black (gloss)	lgenergy.com.au
Yingli YL270C-30b	310	270	266.9	0.163	0 to +5%	990	1650	Mono	Very dark blue	Aluminium	yinglisolar.com
Tindo Karra-250	301	250	248	0.149	-3% to +3%	1000	1668	Multi	Dark blue	Black (matt)	tindosolar.com.au
Suntech STP275S-20/Wem	294	275	265.4	0.163	0 to +5%	992	1640	Mono	Black	Black (matt)	suntech-power.com
Q-Cells Q.PRO-G3 255	263	255	250.3	0.15	0 to +5W	1000	1670	Multi	Very dark blue	Aluminium	www.q-cells.com.au
Canadian CS6P-250P	240	250	250	0.156	0 to +5W	980	1638	Multi	Dark blue	Aluminium	canadiansolar.com
Trina TSM-260PC05A	238	260	256.5	0.157	0 to +3%	991	1650	Multi	Dark blue	Aluminium	www.trinasolar.com
Yingli YL250P-29b	234	250	245.4	0.151	0 to +5%	990	1640	Multi	Very dark blue	Aluminium	yinglisolar.com
Suntech STP250-20/Wd	233	250	247.8	0.152	0 to +5%	992	1640	Multi	Very dark blue	Aluminium	suntech-power.com
Reosola JC260M-24/Bb	224	260	251	0.154	0 to +5W	992	1640	Multi	Very dark blue	Aluminium	reosola.com.au
JA Solar JAP6-60-260/3BB	217	260	252.6	0.155	0 to +5W	991	1650	Multi	Very dark blue	Aluminium	www.jasolar.com
Jinko JKM250P-60-A	215	250	254.7	0.156	0 to +3%	990	1650	Multi	Very dark blue	Aluminium	jinkosolar.com
CNPV CNPV-250P	209	250	244.9	0.15	0 to +3%	990	1648	Multi	Very dark blue	Aluminium	www.cnpv-power.com