

## **COMPARATIVA MODULI FOTOVOLTAICI**

“a cura del Principal Solar Institute”

Per venire incontro alle esigenze dei consumatori **Principal Solar Institute** (società indipendente che si occupa di classificare le prestazioni offerte da centinaia di modelli di celle fotovoltaiche) ha stilato una classifica dei pannelli e dei produttori, considerando le qualità tecniche dell'impianto e l'affidabilità dell'azienda produttrice.

Gli impianti fotovoltaici sono stati classificati secondo la potenza, le prestazioni, la temperatura nominale di funzionamento, la resistenza, la perdita di potenza in relazione all'aumento della temperatura, la durevolezza e molte altre caratteristiche. La classifica degli impianti fotovoltaici premia i prodotti della SunPower Corporation, leader californiano dell'industria delle rinnovabili sulla quale ha recentemente investito anche Google.

Altra indicazione utile: ci sono numerose altre classifiche sul fotovoltaico, ma non tutte sono realizzate con reali test di laboratorio né tutte sono diffuse gratuitamente. Molte classifiche si basano solo sui dati di targa dichiarati dal produttore, mentre l'ottima classifica del mensile di settore Photon è consultabile solo abbonandosi alla rivista.

Le prestazioni di un impianto fotovoltaico non dipendono solo dai moduli utilizzati. Fanno una grande differenza gli inverter che trasformano la corrente prodotta dal pannello (c.c./c.a.) e ancor di più l'installazione. Un impianto con ottimi componenti montati male, può perdere gran parte delle sue prestazioni.

**Il fotovoltaico è un investimento che dura minimo 20 anni e fare un errore all'inizio può inficiare tutti i vostri sforzi economici.**

## Le caratteristiche dell'indice PSI

L'istituto ha analizzato diversi prodotti e produttori e ha stilato una classifica per individuare quali sono, oggi, i migliori pannelli solari che il mercato mette a disposizione.

Il **Principal Solar Index(PSI)** prende in considerazione principalmente **7** caratteristiche tecniche delle celle fotovoltaiche che compongono i pannelli solari oggi sul mercato:

1. **Potenza reale in confronto a quella dichiarata**
2. **Coefficiente di temperatura alla massima potenza**
3. **Rapporto tra le potenze all'insolazione minima e massima**
4. **Temperatura nominale di esercizio**
5. **Efficienza totale dell'area raggiunta dall'insolazione**
6. **Tolleranza negativa**
7. **Riduzione annuale della potenza**

NELLE PAGINE SEGUENTI RIPORTIAMO LA CLASSIFICA DEL PSI CHE POTETE TROVARE ANCHE A QUESTO [LINK](#)

Rank	Manufacturer	Model	Type	Power (W DC)	PSI Rating	Percentile
1	<a href="#">SunPower</a>	SPR-X21-255	Monocrystalline	255	11.57*	100
2	<a href="#">SunPower</a>	SPR-X22-475-COM	Monocrystalline	475	11.51*	100
3	<a href="#">SunPower</a>	SPR-X22-360	Monocrystalline	360	11.45*	100
3	<a href="#">SunPower</a>	SPR-X22-360-COM	Monocrystalline	360	11.45*	100
4	<a href="#">SunPower</a>	SPR-X22-359	Monocrystalline	359	11.42*	100
5	<a href="#">SunPower</a>	SPR-X22-470-COM	Monocrystalline	470	11.34*	100
6	<a href="#">SunPower</a>	SPR-X21-345-C-AC	Monocrystalline	345	11.23*	100
6	<a href="#">SunPower</a>	SPR-X21-345	Monocrystalline	345	11.23*	100
7	<a href="#">SunPower</a>	SPR-343NJ-WHT-D	Monocrystalline	343	11.19	100
7	<a href="#">SunPower</a>	SPR-343NX-WHT-D	Monocrystalline	343	11.19	100
7	<a href="#">SunPower</a>	SPR-343J-WHT-D	Monocrystalline	343	11.19	100
7	<a href="#">SunPower</a>	SPR-343NX-BLK-D	Monocrystalline	343	11.19	100
8	<a href="#">Ningbo Ulica Solar Science &amp; Technology</a>	UL-295P	Polycrystalline	295	11.11	100
9	<a href="#">SunPower</a>	SPR-X22-460-COM	Monocrystalline	470	11.10*	100
10	<a href="#">SunPower</a>	SPR-X22-345-BLK	Monocrystalline	345	11.09*	100
11	<a href="#">SunPower</a>	SPR-X21-345-COM	Monocrystalline	345	11.05*	100
12	<a href="#">SunPower</a>	SPR-X20-255	Monocrystalline	255	10.97*	100
13	<a href="#">SunPower</a>	SPR-445NJ-WHT-D	Monocrystalline	445	10.96	100
13	<a href="#">SunPower</a>	SPR-445J-WHT-D	Monocrystalline	445	10.96	100
14	<a href="#">Ningbo Ulica Solar Science &amp; Technology</a>	UL-290P	Polycrystalline	290	10.93	100
14	<a href="#">SunPower</a>	SPR-335NX-BLK-D	Monocrystalline	335	10.93	100
15	<a href="#">SunPower</a>	SPR-X22-340-BLK	Monocrystalline	340	10.92*	100
16	<a href="#">SunPower</a>	SPR-X21-335-C-AC	Monocrystalline	335	10.90*	100
16	<a href="#">SunPower</a>	SPR-X21-335-BLK	Monocrystalline	335	10.90*	100
16	<a href="#">SunPower</a>	SPR-X21-335	Monocrystalline	335	10.90*	100
16	<a href="#">SunPower</a>	SPR-X21-335-BLK-C-AC	Monocrystalline	335	10.90*	100
17	<a href="#">SunPower</a>	SPR-320NE-WHT-D	Monocrystalline	320	10.88	100
18	<a href="#">SunPower</a>	SPR-245NE-WHT-D	Monocrystalline	245	10.85	100
19	<a href="#">Integrated Solar Technology</a>	STS-105M-B4U	Monocrystalline	105	10.77*	100
20	<a href="#">SunPower</a>	SPR-X22-335-BLK	Monocrystalline	335	10.76*	100
20	<a href="#">SunPower</a>	SPR-X20-445-COM	Monocrystalline	445	10.76*	100
21	<a href="#">Ningbo Ulica Solar Science &amp; Technology</a>	UL-285P	Polycrystalline	285	10.74	100
22	<a href="#">SunPower</a>	SPR-X20-327-BLK	Monocrystalline	327	10.65*	100
22	<a href="#">SunPower</a>	SPR-X20-327-BLK-C-AC	Monocrystalline	327	10.65*	100
23	<a href="#">SunPower</a>	SPR-X20-327	Monocrystalline	327	10.64*	100
23	<a href="#">SunPower</a>	SPR-440NE-WHT-D	Monocrystalline	440	10.64	100
23	<a href="#">SunPower</a>	SPR-X20-327-COM	Monocrystalline	327	10.64*	100
23	<a href="#">SunPower</a>	SPR-X20-327-C-AC	Monocrystalline	327	10.64*	100
24	<a href="#">SunPower</a>	SPR-445NX-WHT-D	Monocrystalline	445	10.57	100
25	<a href="#">SunPower</a>	SPR-X20-245	Monocrystalline	245	10.56*	100
25	<a href="#">LG Electronics</a>	LG325N1C-G4	Monocrystalline	325	10.56*	100
25	<a href="#">LG Electronics</a>	LG325N1W-G4	Monocrystalline	325	10.56*	100
26	<a href="#">Ningbo Ulica Solar Science &amp; Technology</a>	UL-295D	Monocrystalline	295	10.55	100
27	<a href="#">SunPower</a>	T5-SPR-327	Monocrystalline	327	10.54	100
28	<a href="#">SunPower</a>	SPR-327NE-WHT-D	Monocrystalline	327	10.52	100



Rank	Manufacturer	Model	Type	Power (W DC)	PSI Rating	Percentile
29	<a href="#">AU Optronics</a>	PM096B00_333	Monocrystalline	333	10.51*	100
30	<a href="#">SunPower</a>	SPR-415E-WHT-D	Monocrystalline	415	10.50	100
31	<a href="#">SunPower</a>	SPR-X20-250-BLK	Monocrystalline	250	10.49*	100
31	<a href="#">SunPower</a>	SPR-250NX-BLK-D	Monocrystalline	250	10.49*	100
31	<a href="#">SunPower</a>	SPR-X20-250-BLK-LAM	Monocrystalline	250	10.49*	100
31	<a href="#">SunPower</a>	SPR-X20-250-BLK-B-AC	Monocrystalline	250	10.49*	100
31	<a href="#">SunPower</a>	SPR-X20-250-BLK-A-AC	Monocrystalline	250	10.49*	100
32	<a href="#">MEMC Singapore</a>	SE-F335BZC-3Y	Monocrystalline	335	10.48*	100
33	<a href="#">SunPower</a>	SPR-E20-440-COM	Monocrystalline	440	10.44*	100
34	<a href="#">AU Optronics</a>	PM096B00_330	Monocrystalline	330	10.43*	100
35	<a href="#">LG Electronics</a>	LG320N1C-G4	Monocrystalline	320	10.39*	100
35	<a href="#">LG Electronics</a>	LG320N1W-G4	Monocrystalline	320	10.39*	100
36	<a href="#">Ningbo Ulica Solar Science &amp; Technology</a>	UL-290D	Monocrystalline	290	10.38	100
37	<a href="#">SunPower</a>	SPR-E20-327-COM-T5	Monocrystalline	327	10.35*	100
38	<a href="#">SunPower</a>	SPR-E20-327	Monocrystalline	327	10.33*	100
38	<a href="#">SunPower</a>	SPR-E20-327-C-AC	Monocrystalline	327	10.33*	100
38	<a href="#">AU Optronics</a>	PM096B00_327	Monocrystalline	327	10.33*	99
38	<a href="#">SunPower</a>	SPR-E20-327-COM	Monocrystalline	327	10.33*	100
38	<a href="#">SunPower</a>	SPR-E20-327-COM-LAM	Monocrystalline	327	10.33*	100
38	<a href="#">MEMC Singapore</a>	SE-F330BZC-3Y	Monocrystalline	330	10.33*	100
39	<a href="#">SunPower</a>	SPR-E20-435-COM	Monocrystalline	435	10.31*	99
40	<a href="#">SunPower</a>	SPR-245NE-WHT-U-ACPV	Monocrystalline	245	10.28	99
41	<a href="#">SunPower</a>	SPR-318E-WHT-D	Monocrystalline	318	10.26	99
41	<a href="#">SunPower</a>	T5-SPR-318E	Monocrystalline	318	10.26	99
41	<a href="#">SunPower</a>	PL-SUNP-SPR-318E	Monocrystalline	318	10.26	99
42	<a href="#">AU Optronics</a>	PM096B00_325	Monocrystalline	325	10.25*	99
42	<a href="#">Mitsubishi Electric</a>	PV-MLE270HD	Monocrystalline	270	10.25*	99
42	<a href="#">Integrated Solar Technology</a>	STS-100M-B4U	Monocrystalline	100	10.25*	99
43	<a href="#">LG Electronics</a>	LG315N1C-G4	Monocrystalline	315	10.24*	99
43	<a href="#">LG Electronics</a>	LG315N1W-G4	Monocrystalline	315	10.24*	99
44	<a href="#">Phono Solar Technology</a>	PS-315P-24/TT	Polycrystalline	315	10.23*	99
44	<a href="#">China Sunergy (Nanjing)</a>	CSUN315-72P	Polycrystalline	315	10.23*	99
44	<a href="#">Worldwide Energy &amp; Mfg USA</a>	AS-6P-315W	Polycrystalline	315	10.23*	99
44	<a href="#">Infini</a>	JS-315U-TCI72	Polycrystalline	315	10.23*	99
45	<a href="#">LG Electronics</a>	LG315N1K-G4	Monocrystalline	315	10.22*	99
46	<a href="#">Ningbo Ulica Solar Science &amp; Technology</a>	UL-285D	Monocrystalline	285	10.21	99
46	<a href="#">LG Electronics</a>	LG375N2C-B3	Monocrystalline	375	10.21*	99
46	<a href="#">LG Electronics</a>	LG375N2W-B3	Monocrystalline	375	10.21*	99
47	<a href="#">AU Optronics</a>	PM096B00_323	Monocrystalline	323	10.20*	99
48	<a href="#">MEMC Singapore</a>	SE-F325BZC-3Y	Monocrystalline	325	10.17*	99
49	<a href="#">SunPower</a>	SPR-230NE-BLK-D	Monocrystalline	230	10.16	99
50	<a href="#">SunPower</a>	T5-SPR-315	Monocrystalline	315	10.14	99
50	<a href="#">SunPower</a>	SPR-315NE-WHT-D	Monocrystalline	315	10.14	99
51	<a href="#">SunPower</a>	SPR-E19-320-COM	Monocrystalline	320	10.13*	99
51	<a href="#">SunPower</a>	SPR-E19-320	Monocrystalline	320	10.13*	99
51	<a href="#">SunPower</a>	SPR-400E-WHT-D	Monocrystalline	400	10.13	99
51	<a href="#">SunPower</a>	SPR-E19-320-C-AC	Monocrystalline	320	10.13*	99
52	<a href="#">SunPower</a>	SPR-435NE-WHT-D	Monocrystalline	435	10.12	99
52	<a href="#">AU Optronics</a>	PM096B00_320	Monocrystalline	320	10.12*	99

Rank	Manufacturer	Model	Type	Power (W DC)	PSI Rating	Percentile
53	<a href="#">SunPower</a>	SPR-240E-WHT-D	Monocrystalline	240	10.10	99
53	<a href="#">SunPower</a>	SPR-240E-WHT-U-ACPV	Monocrystalline	240	10.10	99
54	<a href="#">SunPower</a>	SPR-E20-245-A-AC	Monocrystalline	245	10.09*	99
54	<a href="#">SunPower</a>	SPR-E20-245	Monocrystalline	245	10.09*	99
54	<a href="#">SunPower</a>	SPR-E19-245	Monocrystalline	245	10.09*	99
54	<a href="#">SunPower</a>	SPR-E20-245-B-AC	Monocrystalline	245	10.09*	99
54	<a href="#">SunPower</a>	SPR-245NE-WHT-U-240 ACPV	Monocrystalline	245	10.09*	99
55	<a href="#">GCL-Poly (Suzhou) Energy</a>	GCL-P6-72-315	Polycrystalline	315	10.08	99
56	<a href="#">LG Electronics</a>	LG310N1C-G4	Monocrystalline	310	10.07*	99
56	<a href="#">LG Electronics</a>	LG310N1W-G4	Monocrystalline	310	10.07*	99
56	<a href="#">LG Electronics</a>	LG370N2W-B3	Monocrystalline	370	10.07*	99
56	<a href="#">LG Electronics</a>	LG370N2C-B3	Monocrystalline	370	10.07*	99
57	<a href="#">Phono Solar Technology</a>	PS-310P-24/TT	Polycrystalline	310	10.06*	99
57	<a href="#">Infini</a>	JS-310U-TCI72	Polycrystalline	310	10.06*	99
57	<a href="#">Worldwide Energy &amp; Mfg USA</a>	AS-6P-310W	Polycrystalline	310	10.06*	99
57	<a href="#">China Sunergy (Nanjing)</a>	CSUN310-72P	Polycrystalline	310	10.06*	99
58	<a href="#">AU Optronics</a>	PM096B00_318	Monocrystalline	318	10.05*	99
58	<a href="#">LG Electronics</a>	LG310N1K-G4	Monocrystalline	310	10.05*	99
59	<a href="#">LG Electronics</a>	LG310N1C-B3	Monocrystalline	310	10.04*	99
59	<a href="#">MEMC Singapore</a>	SE-F320BZC-3Y	Monocrystalline	320	10.04*	99
59	<a href="#">LG Electronics</a>	LG310N1W-B3	Monocrystalline	310	10.04*	99
59	<a href="#">MEMC Singapore</a>	SE-M320BZC-3Y	Monocrystalline	320	10.04*	99
60	<a href="#">Ningbo Ulica Solar Science &amp; Technology</a>	UL-280D	Monocrystalline	280	10.03	99
61	<a href="#">Ningbo Ulica Solar Science &amp; Technology</a>	UL-280P	Polycrystalline	280	10.01	99
61	<a href="#">SunPower</a>	SPR-238E-WHT-D	Monocrystalline	238	10.01	99
62	<a href="#">SunPower</a>	SPR-310E-WHT-U	Monocrystalline	310	9.99	99
62	<a href="#">SunPower</a>	SPR-310E-WHT-D	Monocrystalline	310	9.99	99
63	<a href="#">AU Optronics</a>	PM096B00_315	Monocrystalline	315	9.95*	99
63	<a href="#">SunPower</a>	SPR-E19-315	Monocrystalline	315	9.95*	99
63	<a href="#">SunPower</a>	SPR-E19-315-COM	Monocrystalline	315	9.95*	99
63	<a href="#">SunPower</a>	SPR-E19-410-COM	Monocrystalline	410	9.95*	99
64	<a href="#">SunPower</a>	T5-SPR-320E	Monocrystalline	320	9.94	99
64	<a href="#">SunPower</a>	SPR-320E-WHT-D	Monocrystalline	320	9.94	99
65	<a href="#">SunPower</a>	PL-SUNP-SPR-308E	Monocrystalline	308	9.93	99
65	<a href="#">SunPower</a>	SPR-225NE-BLK-D	Monocrystalline	225	9.93	99
65	<a href="#">SunPower</a>	SPR-308E-WHT-D	Monocrystalline	308	9.93	99
65	<a href="#">SunPower</a>	SPR-308NE-WHT-D	Monocrystalline	308	9.93	99
65	<a href="#">LG Electronics</a>	LG365N2C-B3	Monocrystalline	365	9.93*	99
65	<a href="#">SunPower</a>	T5-SPR-308E	Monocrystalline	308	9.93	99
65	<a href="#">LG Electronics</a>	LG365N2W-B3	Monocrystalline	365	9.93*	99
66	<a href="#">Infini</a>	JS-305U-TCI72	Polycrystalline	305	9.91*	99
66	<a href="#">Worldwide Energy &amp; Mfg USA</a>	AS-6P-305W	Polycrystalline	305	9.91*	99
66	<a href="#">Phono Solar Technology</a>	PS-305P-24/TT	Polycrystalline	305	9.91*	99
66	<a href="#">China Sunergy (Nanjing)</a>	CSUN305-72P	Polycrystalline	305	9.91*	99
66	<a href="#">SunPower</a>	SPR-E19-240	Monocrystalline	240	9.91*	99
67	<a href="#">LG Electronics</a>	LG305N1K-G4	Monocrystalline	305	9.90*	99
67	<a href="#">LG Electronics</a>	LG305N1W-G4	Monocrystalline	305	9.90*	99
67	<a href="#">LG Electronics</a>	LG305N1C-G4	Monocrystalline	305	9.90*	99



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68	<a href="#">SunPower</a>	SPR-425E-WHT-D	Monocrystalline	425	9.89	99
69	<a href="#">LG Electronics</a>	LG305N1C-B3	Monocrystalline	305	9.88*	99
69	<a href="#">SunPower</a>	SPR-390E-WHT-D	Monocrystalline	390	9.88	99
69	<a href="#">LG Electronics</a>	LG305A1W-B3	Monocrystalline	305	9.88*	99
69	<a href="#">LG Electronics</a>	LG305A1C-B3	Monocrystalline	305	9.88*	99
69	<a href="#">LG Electronics</a>	LG305N1W-B3	Monocrystalline	305	9.88*	99
70	<a href="#">MEMC Singapore</a>	SE-F315BZC-3Y	Monocrystalline	315	9.87*	99
70	<a href="#">Hyundai Heavy Industries</a>	HiS-M310TI	Polycrystalline	310	9.87*	99
70	<a href="#">MEMC Singapore</a>	SE-M315BZC-3Y	Monocrystalline	315	9.87*	99
71	<a href="#">AU Optronics</a>	PM096B00_313	Monocrystalline	313	9.86*	99
72	<a href="#">Silevo</a>	Triex U310 Black	Monocrystalline	310	9.84*	99
72	<a href="#">Silevo</a>	Triex U310	Monocrystalline	310	9.84*	99
72	<a href="#">SunPower</a>	SPR-235NE-WHT-D	Monocrystalline	235	9.84	99
73	<a href="#">SunPower</a>	SPR-305NE-WHT-D	Monocrystalline	305	9.83	99
73	<a href="#">Ningbo Ulica Solar Science &amp; Technology</a>	UL-275D	Monocrystalline	275	9.83	99
74	<a href="#">LG Electronics</a>	LG300N1C-A3	Monocrystalline	300	9.82*	99
74	<a href="#">LG Electronics</a>	LG300N1W-A3	Monocrystalline	300	9.82*	99
74	<a href="#">Ningbo Ulica Solar Science &amp; Technology</a>	UL-275P	Polycrystalline	275	9.82	99
74	<a href="#">GCL-Poly (Suzhou) Energy</a>	GCL-P6-72-310	Polycrystalline	310	9.82	99
75	<a href="#">SunPower</a>	SPR-E19-310-COM	Monocrystalline	310	9.81*	99
75	<a href="#">LG Electronics</a>	LG360N2C-B3	Monocrystalline	360	9.81*	99
75	<a href="#">LG Electronics</a>	LG300N1W-G3	Monocrystalline	300	9.81*	99
75	<a href="#">LG Electronics</a>	LG360N2W-B3	Monocrystalline	360	9.81*	99
75	<a href="#">LG Electronics</a>	LG300N1C-G3	Monocrystalline	300	9.81*	99
76	<a href="#">Silevo</a>	Triex R235	Monocrystalline	235	9.79*	99
76	<a href="#">AU Optronics</a>	PM096B00_310	Monocrystalline	310	9.79*	99
76	<a href="#">Silevo</a>	Triex R235 Black	Monocrystalline	235	9.79*	99
77	<a href="#">WINAICO</a>	WSP-315M6	Monocrystalline	315	9.78*	99
78	<a href="#">SunPower</a>	SPR-315E-WHT-U	Monocrystalline	315	9.77	99
78	<a href="#">SunPower</a>	T5-SPR-315E	Monocrystalline	315	9.77	99
78	<a href="#">SunPower</a>	SPR-315E-WHT-D	Monocrystalline	315	9.77	99
78	<a href="#">SunPower</a>	SPR-410NE-WHT-D	Monocrystalline	410	9.77	99
78	<a href="#">SunPower</a>	PL-SUNP-SPR-315E	Monocrystalline	315	9.77	99
79	<a href="#">Hyundai Heavy Industries</a>	HiS-M305TI	Polycrystalline	305	9.76*	99
79	<a href="#">LG Electronics</a>	LG300N1W-G4	Monocrystalline	300	9.76*	99
79	<a href="#">LG Electronics</a>	LG300N1K-G4	Monocrystalline	300	9.76*	99
79	<a href="#">LG Electronics</a>	LG300N1C-G4	Monocrystalline	300	9.76*	99
80	<a href="#">Integrated Solar Technology</a>	STS-95M-B4U	Monocrystalline	95	9.75*	99
81	<a href="#">Phono Solar Technology</a>	PS-300P-24/TT	Polycrystalline	300	9.74*	99
81	<a href="#">China Sunergy (Nanjing)</a>	CSUN300-72P	Polycrystalline	300	9.74*	99
81	<a href="#">Worldwide Energy &amp; Mfg USA</a>	AS-6P-300W	Polycrystalline	300	9.74*	99
81	<a href="#">Infini</a>	JS-300U-TCI72	Polycrystalline	300	9.74*	99
82	<a href="#">LG Electronics</a>	LG300A1W-B3	Monocrystalline	300	9.73*	99
82	<a href="#">LG Electronics</a>	LG300A1C-B3	Monocrystalline	300	9.73*	99
82	<a href="#">LG Electronics</a>	LG300N1W-B3	Monocrystalline	300	9.73*	99
82	<a href="#">LG Electronics</a>	LG300N1C-B3	Monocrystalline	300	9.73*	99
83	<a href="#">SolarWorld</a>	Protect SW 280 Mono	Monocrystalline	280	9.72	99
84	<a href="#">Andalay Solar</a>	TW-250-1-DC4-0-B	Polycrystalline	250	9.71*	99
84	<a href="#">Andalay Solar</a>	TW-250-1-AC2-D-B	Polycrystalline	250	9.71*	99



Rank	Manufacturer	Model	Type	Power (W DC)	PSI Rating	Percentile
84	<a href="#">Westinghouse Solar</a>	WTW-250-1-DC4-0-B	Polycrystalline	250	9.71*	99
84	<a href="#">MEMC Singapore</a>	SE-F310BZC-3Y	Monocrystalline	310	9.71*	99
84	<a href="#">MEMC Singapore</a>	SE-M310BZC-3Y	Monocrystalline	310	9.71*	99
84	<a href="#">Westinghouse Solar</a>	WTW-250-1-AC2-D-B	Polycrystalline	250	9.71*	99
85	<a href="#">Silevo</a>	Triex U305	Monocrystalline	305	9.68*	99
85	<a href="#">Silevo</a>	Triex U305 Black	Monocrystalline	305	9.68*	99
86	<a href="#">SolarWorld</a>	Protect SW 270 Mono	Monocrystalline	270	9.67	98
87	<a href="#">SunPower</a>	SPR-300E-WHT-D	Monocrystalline	300	9.66	98
87	<a href="#">SunPower</a>	SPR-E18-235	Monocrystalline	235	9.66*	98
87	<a href="#">SunPower</a>	SPR-300NE-WHT-D	Monocrystalline	300	9.66	98
87	<a href="#">LG Electronics</a>	LG355N2W-B3	Monocrystalline	355	9.66*	98
87	<a href="#">SunPower</a>	SPR-E19-235	Monocrystalline	235	9.66*	98
87	<a href="#">LG Electronics</a>	LG355N2C-B3	Monocrystalline	355	9.66*	98
88	<a href="#">SunPower</a>	SPR-E18-305-COM	Monocrystalline	305	9.65*	98
89	<a href="#">LG Electronics</a>	LG295N1W-A3	Monocrystalline	295	9.64*	98
89	<a href="#">LG Electronics</a>	LG295N1C-A3	Monocrystalline	295	9.64*	98
89	<a href="#">Silevo</a>	Triex H60-290	Monocrystalline	290	9.64*	98
90	<a href="#">LG Electronics</a>	LG295N1W-G3	Monocrystalline	295	9.63*	98
90	<a href="#">SunPower</a>	T5-SPR-310	Monocrystalline	310	9.63	98
90	<a href="#">SunPower</a>	SPR-310-WHT-U	Monocrystalline	310	9.63	98
90	<a href="#">LG Electronics</a>	LG295N1C-G3	Monocrystalline	295	9.63*	98
90	<a href="#">SunPower</a>	PL-SUNP-SPR-310	Monocrystalline	310	9.63	98
90	<a href="#">AU Optronics</a>	PM096B00_305	Monocrystalline	305	9.63*	98
90	<a href="#">SunPower</a>	SPR-230NE-BLK-U-ACPV	Monocrystalline	230	9.63	98
90	<a href="#">SunPower</a>	SPR-230-WHT-U	Monocrystalline	230	9.63	98
90	<a href="#">SunEdison</a>	SE-H365-4	Monocrystalline	365	9.63*	98
91	<a href="#">GCL-Poly (Suzhou) Energy</a>	GCL-P6-72-305	Polycrystalline	305	9.62	98
91	<a href="#">WINAICO</a>	WSP-310M6	Monocrystalline	310	9.62*	98
92	<a href="#">LG Electronics</a>	LG295N1K-G4	Monocrystalline	295	9.59*	98
93	<a href="#">LG Electronics</a>	LG295N1K-B3	Monocrystalline	295	9.58*	98
93	<a href="#">LG Electronics</a>	LG295N1C-G4	Monocrystalline	295	9.58*	98
93	<a href="#">LG Electronics</a>	LG295N1W-G4	Monocrystalline	295	9.58*	98
93	<a href="#">AU Optronics</a>	PM096B00_308	Monocrystalline	308	9.58*	98
93	<a href="#">Worldwide Energy &amp; Mfg USA</a>	AS-6P-295W	Polycrystalline	295	9.58*	98
93	<a href="#">Phono Solar Technology</a>	PS-295P-24/TT	Polycrystalline	295	9.58*	98
93	<a href="#">China Sunergy (Nanjing)</a>	CSUN295-72P	Polycrystalline	295	9.58*	98
93	<a href="#">Infini</a>	JS-295U-TCI72	Polycrystalline	295	9.58*	98
93	<a href="#">Hyundai Heavy Industries</a>	HiS-M300TI	Polycrystalline	300	9.58*	98
94	<a href="#">Heliene</a>	60M290	Monocrystalline	290	9.57*	98
94	<a href="#">Helios Energy Europe</a>	60M290	Monocrystalline	290	9.57*	98
94	<a href="#">SunPower</a>	SPR-225E-BLK-U-ACPV	Monocrystalline	225	9.57	98
94	<a href="#">SunPower</a>	SPR-225E-BLK-D	Monocrystalline	225	9.57	98
95	<a href="#">LG Electronics</a>	LG295A1W-B3	Monocrystalline	295	9.55*	98
95	<a href="#">LG Electronics</a>	LG295A1C-B3	Monocrystalline	295	9.55*	98
95	<a href="#">MEMC Singapore</a>	SE-M305BZC-3Y	Monocrystalline	305	9.55*	98
96	<a href="#">LG Electronics</a>	LG295N1W-B3	Monocrystalline	295	9.54*	98
96	<a href="#">LG Electronics</a>	LG295N1C-B3	Monocrystalline	295	9.54*	98
97	<a href="#">LG Electronics</a>	LG350N2W-B3	Monocrystalline	350	9.53*	98
97	<a href="#">LG Electronics</a>	LG350N2C-B3	Monocrystalline	350	9.53*	98
97	<a href="#">LG Electronics</a>	LG295N1K-A3	Monocrystalline	295	9.53*	98

Rank	Manufacturer	Model	Type	Power (W DC)	PSI Rating	Percentile
97	<a href="#">SolarWorld</a>	Protect SW 275 Mono	Monocrystalline	275	9.53	98
97	<a href="#">Mitsubishi Electric</a>	PV-MJE270FB	Monocrystalline	270	9.53*	98
98	<a href="#">SunPower</a>	SPR-295E-WHT-U	Monocrystalline	295	9.52	98
98	<a href="#">SunPower</a>	SPR-295E-WHT-D	Monocrystalline	295	9.52	98
98	<a href="#">Hanwha Q-Cells</a>	Q.PLUS-G3 280	Polycrystalline	280	9.52*	98
98	<a href="#">Silevo</a>	Triex R230 Black	Monocrystalline	230	9.52*	98
98	<a href="#">Silevo</a>	Triex U300	Monocrystalline	300	9.52*	98
98	<a href="#">Silevo</a>	Triex U300 Black	Monocrystalline	300	9.52*	98
98	<a href="#">Silevo</a>	Triex R230	Monocrystalline	230	9.52*	98
99	<a href="#">GCL-Poly (Suzhou) Energy</a>	GCL-P6-72-300	Polycrystalline	300	9.51	98
99	<a href="#">SolarWorld</a>	Protect SW 265 Mono	Monocrystalline	265	9.51	98
100	<a href="#">LG Electronics</a>	LG290N1W-A3	Monocrystalline	290	9.50*	98
100	<a href="#">Westinghouse Solar</a>	WTW-245-1-DC4-0-B	Polycrystalline	245	9.50*	98
100	<a href="#">Andalay Solar</a>	TW-245-1-DC4-0-B	Polycrystalline	245	9.50*	98
100	<a href="#">Andalay Solar</a>	TW-245-1-AC2-D-B	Polycrystalline	245	9.50*	98
100	<a href="#">LG Electronics</a>	LG290N1C-A3	Monocrystalline	290	9.50*	98
100	<a href="#">Westinghouse Solar</a>	WTW-245-1-AC2-D-B	Polycrystalline	245	9.50*	98
101	<a href="#">SunEdison</a>	SE-H360-4	Monocrystalline	360	9.49*	98
101	<a href="#">SunPower</a>	SPR-E18-300-COM	Monocrystalline	300	9.49*	98
102	<a href="#">SunPower</a>	T5-SPR-305E	Monocrystalline	305	9.47	98
102	<a href="#">SunPower</a>	SPR-305-WHT-U	Monocrystalline	305	9.47	98
102	<a href="#">SunPower</a>	T5-SPR-305	Monocrystalline	305	9.47	98
102	<a href="#">SunPower</a>	SPR-305E-WHT-D	Monocrystalline	305	9.47	98
102	<a href="#">SunEdison</a>	SE-R360EzC-4y	Monocrystalline	360	9.47*	98
102	<a href="#">Mitsubishi Electric</a>	PV-MLE275HD2	Monocrystalline	275	9.47*	98
102	<a href="#">SunEdison</a>	SE-R360EzC-3y	Monocrystalline	360	9.47*	98
102	<a href="#">LG Electronics</a>	LG290N1W-G3	Monocrystalline	290	9.47*	98
102	<a href="#">LG Electronics</a>	LG290N1C-G3	Monocrystalline	290	9.47*	98
102	<a href="#">SunEdison</a>	MEMC-F270KzC-2y	Monocrystalline	270	9.47*	98
102	<a href="#">SunEdison</a>	SE-R360BzC-4y	Monocrystalline	360	9.47*	98
102	<a href="#">WINAICO</a>	WSP-305M6	Monocrystalline	305	9.47*	98
102	<a href="#">SunPower</a>	SPR-305E-WHT-U	Monocrystalline	305	9.47	98
102	<a href="#">SunPower</a>	PL-SUNP-SPR-305	Monocrystalline	305	9.47	98
103	<a href="#">LG Electronics</a>	LG295S1W-G4	Monocrystalline	295	9.46*	98
103	<a href="#">LG Electronics</a>	LG295S1C-G4	Monocrystalline	295	9.46*	98
103	<a href="#">TSEC</a>	TS72-6M3-355S	Monocrystalline	355	9.46*	98
103	<a href="#">Heliene</a>	72M345	Monocrystalline	345	9.46*	98
103	<a href="#">Helios Energy Europe</a>	72M345	Monocrystalline	345	9.46*	98
104	<a href="#">Heliene</a>	60M285	Monocrystalline	285	9.44*	98
104	<a href="#">Helios Energy Europe</a>	60M285	Monocrystalline	285	9.44*	98
104	<a href="#">SolarWorld</a>	Protect SW 275 Mono Black	Monocrystalline	275	9.44	98
104	<a href="#">Chint Solar (Zhejiang)</a>	CHSM6612P-345	Polycrystalline	345	9.44*	98
104	<a href="#">SunPower</a>	SPR-225E-WHT-U	Monocrystalline	225	9.44	98
104	<a href="#">Canadian Solar</a>	CS6P-285M	Monocrystalline	285	9.44*	98
104	<a href="#">Canadian Solar</a>	CS6P-285MX	Monocrystalline	285	9.44*	98
105	<a href="#">SunEdison</a>	SE-H360EzC-3y	Monocrystalline	360	9.43*	98
106	<a href="#">Hyundai Heavy Industries</a>	HiS-M295TI	Polycrystalline	295	9.42*	98
106	<a href="#">Infini</a>	JS-290U-TCI72	Polycrystalline	290	9.42*	98
106	<a href="#">China Sunergy (Nanjing)</a>	CSUN290-72P	Polycrystalline	290	9.42*	98
106	<a href="#">Worldwide Energy &amp; Mfg USA</a>	AS-6P-290W	Polycrystalline	290	9.42*	98



Rank	Manufacturer	Model	Type	Power (W DC)	PSI Rating	Percentile
107	<a href="#">LG Electronics</a>	LG290N1K-B3	Monocrystalline	290	9.41*	98
107	<a href="#">LG Electronics</a>	LG290N1C-B3	Monocrystalline	290	9.41*	98
107	<a href="#">LG Electronics</a>	LG290N1W-B3	Monocrystalline	290	9.41*	98
108	<a href="#">Silevo</a>	Triex U295	Monocrystalline	295	9.40*	98
108	<a href="#">Silevo</a>	Triex U295 Black	Monocrystalline	295	9.40*	98
108	<a href="#">SunEdison</a>	SE-R295FzC-3y	Monocrystalline	295	9.40*	98
109	<a href="#">Trina Solar</a>	TSM-270PA05A.10	Polycrystalline	270	9.39	98
109	<a href="#">MEMC Singapore</a>	SE-M300BZC-3Y	Monocrystalline	300	9.39*	98
109	<a href="#">Trina Solar</a>	TSM-270PA05A.18	Polycrystalline	270	9.39	98
109	<a href="#">Trina Solar</a>	TSM-270PA05A.08	Polycrystalline	270	9.39	98
109	<a href="#">LG Electronics</a>	LG290N1K-A3	Monocrystalline	290	9.39*	98
109	<a href="#">Trina Solar</a>	TSM-270PA05A	Polycrystalline	270	9.39	98
110	<a href="#">Chint Solar (Zhejiang)</a>	CHSM6610M-275	Monocrystalline	275	9.37	98
111	<a href="#">Hanwha Q-Cells</a>	Q.PLUS-G3 275	Polycrystalline	275	9.36*	98
111	<a href="#">GCL-Poly (Suzhou) Energy</a>	GCL-P6-72-295	Polycrystalline	295	9.36	98
111	<a href="#">Mitsubishi Electric</a>	PV-MJE265FB	Monocrystalline	265	9.36*	98
111	<a href="#">SunEdison</a>	SE-H355-4	Monocrystalline	355	9.36*	98
111	<a href="#">Canadian Solar</a>	CS6X-310P	Polycrystalline	310	9.36	98
112	<a href="#">SunPower</a>	SPR-E18-295-COM	Monocrystalline	295	9.35*	98
113	<a href="#">SunEdison</a>	SE-R355EzC-4y	Monocrystalline	355	9.34*	98
113	<a href="#">SunEdison</a>	SE-R355EzC-3y	Monocrystalline	355	9.34*	98
113	<a href="#">SunEdison</a>	SE-R355BzC-4y	Monocrystalline	355	9.34*	98
113	<a href="#">Gigawatt</a>	GW295MB	Monocrystalline	295	9.34*	98
113	<a href="#">AU Optronics</a>	PM096B00_303	Monocrystalline	303	9.34*	98
113	<a href="#">TSEC</a>	TS60-6M3-295S	Monocrystalline	295	9.34*	98
114	<a href="#">Cogentra Solar</a>	TC-M310	Monocrystalline	310	9.33*	98
114	<a href="#">Mitsubishi Electric</a>	PV-MLE270HD2	Monocrystalline	270	9.33*	98
114	<a href="#">SolarWorld</a>	Protect SW 260 Mono	Monocrystalline	260	9.33	98
114	<a href="#">WINAICO</a>	WSP-300M6	Monocrystalline	300	9.33*	98
115	<a href="#">Heliene</a>	72M340	Monocrystalline	340	9.32*	98
115	<a href="#">Helios Energy Europe</a>	72M340	Monocrystalline	340	9.32*	98
115	<a href="#">Mitsubishi Electric</a>	PV-MLE265HD	Monocrystalline	265	9.32*	98
115	<a href="#">SunPower</a>	SPR-230E-WHT-D	Monocrystalline	230	9.32	98
115	<a href="#">TSEC</a>	TS72-6M3-350S	Monocrystalline	350	9.32*	98
116	<a href="#">Chint Solar (Zhejiang)</a>	CHSM6612M-325	Monocrystalline	325	9.31	98
116	<a href="#">SunEdison</a>	MEMC-F265KzC-2y	Monocrystalline	265	9.31*	98
116	<a href="#">Trina Solar</a>	TSM-315PA14A	Polycrystalline	315	9.31	98
116	<a href="#">LG Electronics</a>	LG285N1W-G3	Monocrystalline	285	9.31*	98
116	<a href="#">Trina Solar</a>	TSM-315PA14A.08	Polycrystalline	315	9.31	98
116	<a href="#">LG Electronics</a>	LG285N1C-G3	Monocrystalline	285	9.31*	98
117	<a href="#">SunEdison</a>	SE-R290FzC-3y	Monocrystalline	290	9.30*	98
117	<a href="#">LG Electronics</a>	LG290S1W-G4	Monocrystalline	290	9.30*	98
117	<a href="#">LG Electronics</a>	LG290S1C-G4	Monocrystalline	290	9.30*	98
117	<a href="#">SunEdison</a>	SE-H355EzC-3y	Monocrystalline	355	9.30*	98
117	<a href="#">LG Electronics</a>	LG285N1C-A3	Monocrystalline	285	9.30*	98
117	<a href="#">LG Electronics</a>	LG285N1W-A3	Monocrystalline	285	9.30*	98
118	<a href="#">Canadian Solar</a>	CS6P-265MM	Monocrystalline	265	9.29	97
118	<a href="#">Canadian Solar</a>	CS6P-280MX	Monocrystalline	280	9.29*	97
118	<a href="#">Canadian Solar</a>	CS6P-280M	Monocrystalline	280	9.29*	97
118	<a href="#">Andalay Solar</a>	TW-240-1-DC4-0-B	Polycrystalline	240	9.29*	98

Rank	Manufacturer	Model	Type	Power (W DC)	PSI Rating	Percentile
118	<a href="#">Andalay Solar</a>	TW-240-1-AC2-D-B	Polycrystalline	240	9.29*	98
118	<a href="#">SolarWorld</a>	SW 280 Mono	Monocrystalline	280	9.29	98
118	<a href="#">Westinghouse Solar</a>	WTW-240-1-AC2-D-B	Polycrystalline	240	9.29*	98
118	<a href="#">Westinghouse Solar</a>	WTW-240-1-DC4-0-B	Polycrystalline	240	9.29*	98
119	<a href="#">iTek</a>	iT-300-HE	Monocrystalline	300	9.28*	97
119	<a href="#">SolarWorld</a>	Protect SW 270 Mono Black	Monocrystalline	270	9.28	97
119	<a href="#">Silevo</a>	Triex H60-280	Monocrystalline	280	9.28*	97
119	<a href="#">Heliene</a>	60M280	Monocrystalline	280	9.28*	97
119	<a href="#">Helios Energy Europe</a>	60M280	Monocrystalline	280	9.28*	97
120	<a href="#">Heliene</a>	60M290-HD	Monocrystalline	290	9.27*	97
121	<a href="#">Silevo</a>	Triex U290	Monocrystalline	290	9.26*	97
121	<a href="#">Silevo</a>	Triex U290 Black	Monocrystalline	290	9.26*	97
121	<a href="#">GCL-Poly (Suzhou) Energy</a>	GCL-P6-72-290	Polycrystalline	290	9.26	97
122	<a href="#">Hyundai Heavy Industries</a>	HiS-M290TI	Polycrystalline	290	9.25*	97
123	<a href="#">LG Electronics</a>	LG285N1W-B3	Monocrystalline	285	9.23*	97
123	<a href="#">Trina Solar</a>	TSM-265PA05A.18	Polycrystalline	265	9.23	97
123	<a href="#">LG Electronics</a>	LG285N1C-B3	Monocrystalline	285	9.23*	97
123	<a href="#">Trina Solar</a>	TSM-265PA05A	Polycrystalline	265	9.23	97
123	<a href="#">Chint Solar (Zhejiang)</a>	CHSM6610M-270	Monocrystalline	270	9.23	97
123	<a href="#">Trina Solar</a>	TSM-265PA05A.08	Polycrystalline	265	9.23	97
123	<a href="#">SunPower</a>	SPR-225-BLK-U	Monocrystalline	225	9.23	97
123	<a href="#">Trina Solar</a>	TSM-265PA05A.10	Polycrystalline	265	9.23	97
124	<a href="#">LG Electronics</a>	LG285N1K-A3	Monocrystalline	285	9.22*	97
124	<a href="#">SolarWorld</a>	Protect SW 260 Mono Black	Monocrystalline	260	9.22	97
124	<a href="#">SunEdison</a>	SE-R295FzC-4y	Monocrystalline	295	9.22*	97
124	<a href="#">SunEdison</a>	SE-H350-4	Monocrystalline	350	9.22*	97
124	<a href="#">SolarWorld</a>	SW 300 Mono	Monocrystalline	300	9.22*	97
124	<a href="#">MEMC Singapore</a>	SE-M295BZC-3Y	Monocrystalline	295	9.22*	97
125	<a href="#">SolarWorld</a>	SW270 Mono Black	Monocrystalline	270	9.21	97
125	<a href="#">Canadian Solar</a>	CS6X-305P	Polycrystalline	305	9.21	97
126	<a href="#">AU Optronics</a>	PM060M02_290	Monocrystalline	290	9.20*	97
126	<a href="#">AU Optronics</a>	PM060MW3_290	Monocrystalline	290	9.20*	97
126	<a href="#">AU Optronics</a>	PM060MW2_290	Monocrystalline	290	9.20*	97
126	<a href="#">SunEdison</a>	SE-R350BzC-4y	Monocrystalline	350	9.20*	97
126	<a href="#">AU Optronics</a>	PM060MW0_290	Monocrystalline	290	9.20*	97
126	<a href="#">SunEdison</a>	SE-R350EzC-4y	Monocrystalline	350	9.20*	97
126	<a href="#">SunEdison</a>	SE-R350EzC-3y	Monocrystalline	350	9.20*	97
126	<a href="#">AU Optronics</a>	PM060MW1_290	Monocrystalline	290	9.20*	97
126	<a href="#">AU Optronics</a>	PM060MB1_290	Monocrystalline	290	9.20*	97
126	<a href="#">AU Optronics</a>	PM060M00_290	Monocrystalline	290	9.20*	97
126	<a href="#">AU Optronics</a>	PM060MB3_290	Monocrystalline	290	9.20*	97
126	<a href="#">AU Optronics</a>	PM250M01_290	Monocrystalline	290	9.20*	97
126	<a href="#">AU Optronics</a>	PM060MB0_290	Monocrystalline	290	9.20*	97
126	<a href="#">AU Optronics</a>	PM060MB2_290	Monocrystalline	290	9.20*	97
126	<a href="#">AU Optronics</a>	PM060M01_290	Monocrystalline	290	9.20*	97
127	<a href="#">Gigawatt</a>	GW290MB	Monocrystalline	290	9.19*	97
127	<a href="#">TSEC</a>	TS60-6M3-290S	Monocrystalline	290	9.19*	97
127	<a href="#">TSEC</a>	TS72-6M3-345S	Monocrystalline	345	9.19*	97
127	<a href="#">Silevo</a>	Triex U-295 SleekBlack	Monocrystalline	295	9.19*	97
127	<a href="#">AU Optronics</a>	PM250M00_270	Monocrystalline	270	9.19	97

Rank	Manufacturer	Model	Type	Power (W DC)	PSI Rating	Percentile
128	<a href="#">Hanwha Q-Cells</a>	Q.PLUS-G3 270	Polycrystalline	270	9.18*	97
128	<a href="#">Heliene</a>	72M335	Monocrystalline	335	9.18*	97
128	<a href="#">Helios Energy Europe</a>	72M335	Monocrystalline	335	9.18*	97
129	<a href="#">Heliene</a>	72M345-HD	Monocrystalline	345	9.17*	97
129	<a href="#">Chint Solar (Zhejiang)</a>	CHSM6612M-320	Monocrystalline	320	9.17	97
129	<a href="#">SunEdison</a>	SE-R350BzC-3y	Monocrystalline	350	9.17*	97
130	<a href="#">Mitsubishi Electric</a>	PV-MLE265HD2	Monocrystalline	265	9.16*	97
130	<a href="#">SunEdison</a>	SE-H350EzC-3y	Monocrystalline	350	9.16*	97
130	<a href="#">LG Electronics</a>	LG280N1C-G3	Monocrystalline	280	9.16*	97
130	<a href="#">LG Electronics</a>	LG280N1W-G3	Monocrystalline	280	9.16*	97
130	<a href="#">Silevo</a>	Triex R225	Monocrystalline	225	9.16*	97
130	<a href="#">Silevo</a>	Triex R225 Black	Monocrystalline	225	9.16*	97
130	<a href="#">Silevo</a>	Triex R220	Monocrystalline	220	9.16*	97
130	<a href="#">Silevo</a>	Triex R220 Black	Monocrystalline	220	9.16*	97
131	<a href="#">iTek</a>	iT-295-HE	Monocrystalline	295	9.15*	97
131	<a href="#">Trina Solar</a>	TSM-205DA01A	Monocrystalline	205	9.15	97
131	<a href="#">WINAICO</a>	WSP-295M6	Monocrystalline	295	9.15*	97
131	<a href="#">Trina Solar</a>	TSM-205DA01A.08	Monocrystalline	205	9.15	97
131	<a href="#">SunEdison</a>	SE-R285GzC-3y	Monocrystalline	285	9.15*	97
131	<a href="#">Tainergy Tech</a>	TKSG-31501	Polycrystalline	315	9.15*	97
131	<a href="#">Chint Solar (Zhejiang)</a>	CHSM5612M-210	Monocrystalline	210	9.15	97
131	<a href="#">Kenmec Mechanical Engineering</a>	TKSG-31501	Polycrystalline	315	9.15*	97
132	<a href="#">LG Electronics</a>	LG285S1W-G4	Monocrystalline	285	9.14*	97
132	<a href="#">Canadian Solar</a>	CS6P-260MM	Monocrystalline	260	9.14	97
132	<a href="#">LG Electronics</a>	LG285S1C-G4	Monocrystalline	285	9.14*	97
132	<a href="#">Heliene</a>	60M285-HD	Monocrystalline	285	9.14*	97
132	<a href="#">Canadian Solar</a>	CS6P-275M	Monocrystalline	275	9.14*	97
132	<a href="#">Canadian Solar</a>	CS6P-275MX	Monocrystalline	275	9.14*	97
133	<a href="#">SunEdison</a>	MEMC-F260KzC-2y	Monocrystalline	260	9.13*	97
133	<a href="#">Prism Solar Technologies</a>	Bi60S-356BSTC	Monocrystalline	280	9.13*	97
134	<a href="#">SunEdison</a>	SE-R290FzC-4y	Monocrystalline	290	9.12*	97
134	<a href="#">SunEdison</a>	SE-R290CzC-3y	Monocrystalline	290	9.12*	97
134	<a href="#">CertainTeed</a>	CT285M10-01	Monocrystalline	285	9.12*	97
134	<a href="#">SolarWorld</a>	Protect SW 265 Mono Black	Monocrystalline	265	9.12	97
134	<a href="#">Hyundai Heavy Industries</a>	HiS-S285RG	Monocrystalline	285	9.12*	97
135	<a href="#">Trina Solar</a>	TSM-310PA14	Polycrystalline	310	9.11	97
135	<a href="#">Helios Energy Europe</a>	60M275	Monocrystalline	275	9.11*	97
135	<a href="#">Heliene</a>	60M275	Monocrystalline	275	9.11*	97
136	<a href="#">SunEdison</a>	SE-H345-4	Monocrystalline	345	9.10*	97
136	<a href="#">LG Electronics</a>	LG285N1K-B3	Monocrystalline	285	9.10*	97
136	<a href="#">SunEdison</a>	SE-R285FzC-3y	Monocrystalline	285	9.10*	97
137	<a href="#">Trina Solar</a>	TSM-310PA14A.08	Polycrystalline	310	9.09	97
137	<a href="#">Trina Solar</a>	TSM-310PA14A	Polycrystalline	310	9.09	97
137	<a href="#">SunEdison</a>	SE-H290EzC-3y	Monocrystalline	290	9.09*	97
137	<a href="#">REC Solar</a>	REC280TP	Polycrystalline	280	9.09*	97
137	<a href="#">REC Solar</a>	REC280TP Q2	Polycrystalline	280	9.09*	97
137	<a href="#">REC Solar</a>	REC280TP Q3	Polycrystalline	280	9.09*	97
138	<a href="#">SunEdison</a>	SE-R345BzC-4y	Monocrystalline	345	9.08*	97
138	<a href="#">LG Electronics</a>	LG280N1K-A3	Monocrystalline	280	9.08*	97
138	<a href="#">SunEdison</a>	SE-R345EzC-3y	Monocrystalline	345	9.08*	97

Rank	Manufacturer	Model	Type	Power (W DC)	PSI Rating	Percentile
138	<a href="#">SunEdison</a>	SE-R345EzC-4y	Monocrystalline	345	9.08*	97
138	<a href="#">Hanwha Q-Cells</a>	Q.PRO L-G2 310	Polycrystalline	310	9.08*	97
138	<a href="#">SolarWorld</a>	SW 295 Mono	Monocrystalline	295	9.08*	97
139	<a href="#">TSEC</a>	TS72-6M3-340S	Monocrystalline	340	9.07*	97
139	<a href="#">MEMC Singapore</a>	SE-M290BZC-3Y	Monocrystalline	290	9.07*	97
139	<a href="#">Chint Solar (Zhejiang)</a>	CHSM6612P-340	Polycrystalline	340	9.07*	97
139	<a href="#">Hyundai Heavy Industries</a>	HiS-S275HG	Monocrystalline	275	9.07*	97
139	<a href="#">Cogentra Solar</a>	TC-M300	Monocrystalline	300	9.07*	97
140	<a href="#">Helios Energy Europe</a>	72M330	Monocrystalline	330	9.06*	97
140	<a href="#">Heliene</a>	72M330	Monocrystalline	330	9.06*	97
140	<a href="#">REC Solar</a>	REC280TP BLK2 Q2	Polycrystalline	280	9.06*	97
140	<a href="#">REC Solar</a>	REC280TP BLK2 Q3	Polycrystalline	280	9.06*	97
140	<a href="#">REC Solar</a>	REC280TP BLK2	Polycrystalline	280	9.06*	97
140	<a href="#">LG Electronics</a>	LG280S1W-B3	Monocrystalline	280	9.06*	97
140	<a href="#">SunEdison</a>	SE-R345BzC-3y	Monocrystalline	345	9.06*	97
140	<a href="#">Silicon Energy</a>	SiE-V-285	Monocrystalline	285	9.06*	97
140	<a href="#">LG Electronics</a>	LG280S1C-B3	Monocrystalline	280	9.06*	97
141	<a href="#">Chint Solar (Zhejiang)</a>	CHSM6610P-265	Polycrystalline	265	9.05	97
141	<a href="#">AU Optronics</a>	PM060MW3_285	Monocrystalline	285	9.05*	97
141	<a href="#">Trina Solar</a>	TSM-260PA05A.18	Polycrystalline	260	9.05	97
141	<a href="#">AU Optronics</a>	PM060MB3_285	Monocrystalline	285	9.05*	97
141	<a href="#">Trina Solar</a>	TSM-260PA05A	Polycrystalline	260	9.05	97
141	<a href="#">Canadian Solar</a>	CS6X-300P	Polycrystalline	300	9.05	97
141	<a href="#">Trina Solar</a>	TSM-260PA05A.10	Polycrystalline	260	9.05	97
141	<a href="#">AU Optronics</a>	PM060MB2_285	Monocrystalline	285	9.05*	97
141	<a href="#">Trina Solar</a>	TSM-260PA05A.08	Polycrystalline	260	9.05	97
141	<a href="#">Mitsubishi Electric</a>	PV-MLU260HC	Monocrystalline	260	9.05	97
141	<a href="#">AU Optronics</a>	PM060M00_285	Monocrystalline	285	9.05*	97
141	<a href="#">AU Optronics</a>	PM060MB1_285	Monocrystalline	285	9.05*	97
141	<a href="#">AU Optronics</a>	PM060MB0_285	Monocrystalline	285	9.05*	97
141	<a href="#">AU Optronics</a>	PM060MW0_285	Monocrystalline	285	9.05*	97
141	<a href="#">AU Optronics</a>	PM060M01_285	Monocrystalline	285	9.05*	97
141	<a href="#">Chint Solar (Zhejiang)</a>	CHSM6610M-265	Monocrystalline	265	9.05	97
141	<a href="#">AU Optronics</a>	PM060M02_285	Monocrystalline	285	9.05*	97
141	<a href="#">AU Optronics</a>	PM060MW1_285	Monocrystalline	285	9.05*	97
141	<a href="#">AU Optronics</a>	PM060MW2_285	Monocrystalline	285	9.05*	97
141	<a href="#">AU Optronics</a>	PM250M01_285	Monocrystalline	285	9.05*	97
142	<a href="#">Sunperfect Solar</a>	CRM260S156P-60	Polycrystalline	260	9.04	97
142	<a href="#">SunEdison</a>	SE-H345EzC-3y	Monocrystalline	345	9.04*	97
142	<a href="#">SolarWorld</a>	Protect SW 255 Mono Black	Monocrystalline	255	9.04	97
142	<a href="#">SolarWorld</a>	Protect SW 255 Mono	Monocrystalline	255	9.04	97
142	<a href="#">Silevo</a>	Triex R215 Black	Monocrystalline	215	9.04*	97
142	<a href="#">Silevo</a>	Triex R215	Monocrystalline	215	9.04*	97
143	<a href="#">Trina Solar</a>	TSM-310PA14.08	Polycrystalline	310	9.03	97
143	<a href="#">Trina Solar</a>	TSM-310PA14.10	Polycrystalline	310	9.03	97
143	<a href="#">Trina Solar</a>	TSM-310PA14.18	Polycrystalline	310	9.03	97
143	<a href="#">Canadian Solar</a>	CS6P-250PX	Polycrystalline	250	9.03	97
143	<a href="#">Canadian Solar</a>	CS6P-250P	Polycrystalline	250	9.03	97
143	<a href="#">Heliene</a>	72M340-HD	Monocrystalline	340	9.03*	97
143	<a href="#">Hanwha Q-Cells</a>	Q.PEAK-G3 280	Monocrystalline	280	9.03*	97



Rank	Manufacturer	Model	Type	Power (W DC)	PSI Rating	Percentile
144	<a href="#">Gigawatt</a>	GW285MB	Monocrystalline	285	9.02*	96
144	<a href="#">TSEC</a>	TS60-6M3-285S	Monocrystalline	285	9.02*	96
144	<a href="#">Trina Solar</a>	TSM-205DA01A.05	Monocrystalline	205	9.02	96
144	<a href="#">SunPower</a>	SPR-290-WHT-U	Monocrystalline	290	9.02	96
144	<a href="#">Canadian Solar</a>	CS6K-285M	Monocrystalline	285	9.02*	97
144	<a href="#">SunPower</a>	T5-SPR-290	Monocrystalline	290	9.02	97
144	<a href="#">Silevo</a>	Triex U-290 SleekBlack	Monocrystalline	290	9.02*	97
144	<a href="#">SunPower</a>	PL-SUNP-SPR-290	Monocrystalline	290	9.02	96
145	<a href="#">GCL-Poly (Suzhou) Energy</a>	GCL-P6-72-285	Polycrystalline	285	9.01	96

\* Modules denoted with an "\*" use estimated values for one or more characteristics. Manufacturers can [contact us](#) to provide the missing data for these PV modules.

NOTE: PSI Ratings are based on publicly available data, and are subject to change as additional data and proprietary analyses become available for long-term performance.

