

# U.S. Solar Equipment Report - June 2017

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# U.S. Solar Equipment Report

- OhmHome's Solar Equipment report analyzes solar module and inverter trends in the residential and non-residential segment at the brand and model level
- The data is sourced from the [California Distributed Interconnection Program Data](#) which represents nearly half of the overall U.S. market
- **For more information on our research, please email [casey@ohmhomenow.com](mailto:casey@ohmhomenow.com)**

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








# 2017 Residential Panel Brands

- **SunPower remained in the #1 spot in the residential market**
- **LG Electronics jumped two spots to #2 in 2017**
- **Kyocera Solar dropped the most from #5 in 2016 to #12 in 2017**

	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
SunPower	▬	1	14.13%	1	12.86%
LG Electronics	▲	2	13.38%	4	8.70%
SolarWorld	▼	3	13.20%	2	12.70%
REC Solar	▼	4	10.02%	3	12.33%
Hanwha	▲	5	9.54%	7	6.48%
Canadian Solar	▬	6	8.76%	6	7.81%
Hyundai	▲	7	6.71%	8	5.76%
Jinko Solar	▲	8	6.32%	13	1.97%
Trina Solar	▲	9	5.95%	12	2.97%
SolarCity	▲	10	3.01%	11	3.13%
Yingli Energy	▼	11	1.42%	9	5.73%
Kyocera Solar	▼	12	1.33%	5	8.49%
Panasonic	▲	13	1.26%	20	0.19%
Silfab	▲	14	0.80%	16	0.77%
Suniva	▬	15	0.62%	15	0.84%
SunEdison	▼	16	0.45%	14	1.50%
Reposola America	▲	17	0.35%	18	0.31%
Winaico	▲	18	0.27%	24	0.12%
Infini	▲	19	0.24%	40	0.03%
Boviet Solar Tech.	▲	20	0.17%	48	0.02%

# 2017 Residential Inverter Brands

- Enphase and SolarEdge remained in the #1 and #2 spots with ABB and SMA losing significant market share

	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
Enphase Energy		1	31.18%	1	28.03%
Solar Edge		2	29.42%	2	24.18%
ABB		3	11.72%	3	19.31%
SunPower		4	11.20%	6	4.70%
SMA America		5	5.02%	4	11.10%
Delta Electronic		6	4.01%	10	0.25%
Ningbo Ginlong Tech		7	3.57%	7	1.74%
Fronius		8	2.59%	5	8.53%
Altenergy Power		9	0.61%	9	0.56%
Power-One		10	0.20%	8	1.11%











# 2017 Non-Residential Panel Brands

- **Canadian Solar and SunPower both gained share and are in the #1 and #2 spots**
- **Suniva dropped 4 spots and REC lost 4 spots**

	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
Canadian Solar	▲	1	18.63%	4	12.17%
SunPower	▲	2	15.69%	3	14.25%
SolarWorld	▼	3	13.61%	2	14.80%
LG Electronics	▲	4	9.46%	5	7.48%
REC Solar	▼	5	8.19%	1	20.15%
Hanwha	▬	6	7.84%	6	4.92%
Trina Solar	▲	7	5.54%	8	3.55%
Hyundai	▼	8	4.90%	7	4.56%
Jinko Solar	▲	9	1.79%	10	1.60%
Yingli Energy	▲	10	1.61%	11	1.17%
Infini	▲	11	1.44%	17	0.38%
Boviet Solar Technol	▲	12	1.38%	16	0.41%
Suniva	▼	13	1.21%	9	1.60%
SunEdison	▬	14	0.92%	14	0.68%
Mitsubishi	▲	15	0.69%	18	0.35%
Kyocera Solar	▼	16	0.63%	12	1.06%
First Solar	▲	17	0.58%	37	0.10%
Panasonic	▲	18	0.46%	35	0.13%
Sunpreme	▲	19	0.46%	23	0.30%
China Sunergy	▼	20	0.46%	15	0.41%

# 2017 Non-Residential Inverter Brands

- SolarEdge gained 2 spots in the non-residential segment

	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
SMA America		1	30.45%	1	30.67%
Solar Edge		2	18.17%	4	11.41%
Fronius		3	16.26%	2	24.39%
Solectria Renewable		4	11.25%	5	10.75%
Enphase Energy		5	10.84%	3	12.32%
Altenergy Power		6	2.13%	11	0.74%
SunPower		7	1.90%	12	0.51%
ABB		8	1.79%	6	2.48%
HiQ Solar		9	1.38%	8	1.06%
Chint Power		10	1.15%	7	1.34%

# Panel and Inverter Combos(Residential)

Module + Inverter	% of Total
SunPower + SunPower	11.15%
SolarWorld + Enphase Energy	7.93%
Hyundai Heavy Industries + Enphase Energy	4.80%
Canadian Solar + SolarEdge Technologies	4.41%
SolarWorld + SolarEdge Technologies	3.58%
LG Electronics + SolarEdge Technologies	3.49%
REC Solar + ABB	3.19%
Canadian Solar + Enphase Energy	2.94%
Jinko Solar + SolarEdge Technologies	2.81%
Jinko Solar + Enphase Energy	2.77%
Hanwha Q CELLS + SolarEdge Technologies	2.74%
REC Solar + SolarEdge Technologies	2.73%
LG Electronics + Enphase Energy	2.17%
REC Solar + Ningbo Ginlong Technologies	2.14%
SunPower + SMA America	1.89%

# Panel and Inverter Combos (Non-Resi)

Module + Inverter	% of Total
SunPower + SMA America	10.67%
REC Solar + Fronius USA	5.88%
Canadian Solar + SMA America	3.81%
Canadian Solar + Solectria Renewables	3.81%
SolarWorld + SMA America	3.52%
SolarWorld + Enphase Energy	3.46%
LG Electronics + SolarEdge Technologies	3.46%
Canadian Solar + SolarEdge Technologies	3.11%
SolarWorld + SolarEdge Technologies	2.77%
Canadian Solar + Fronius USA	2.60%
Canadian Solar + Enphase Energy	2.02%
LG Electronics + Enphase Energy	1.90%
SunPower + SunPower	1.85%
SunPower + SolarEdge Technologies	1.67%
Trina Solar + SMA America	1.67%



# APPENDIX

## Inverter and Module Brand Model Details

# Inverter Brand Detail



	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
M250-60-2LL-S2X	▲	1	37.41%	2	39.78%
M215-60-2LL-S2X	▼	2	37.34%	1	52.33%
M250-72-2LL-S2X	▲	3	16.51%	4	0.91%
S280-60-LL-X	▼	4	6.74%	3	6.43%
IQ6PLUS-72-X	NA	5	0.78%	NA	0.00%
M215-60-SIE-S2X	▼	6	0.58%	5	0.24%
IQ6-60-X-US	NA	7	0.31%	NA	0.00%
S230-60-LL-X	▼	8	0.06%	7	0.06%
M210-84-240-SXX	▼	9	0.04%	8	0.03%
M190-72-240-SXX	▼	10	0.03%	6	0.06%

# Inverter Brand Detail



	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
SE 7600A-US	▲	1	25.16%	2	18.84%
SE3800	▼	2	17.27%	1	21.28%
SE5000	▲	3	15.43%	4	17.32%
SE6000	▼	4	13.54%	3	17.71%
SE 10000A-US	▲	5	7.81%	6	7.13%
SE3000	▼	6	6.42%	5	8.91%
SE3800H-US	NA	7	5.13%	NA	0.00%
SE 11400A-US	▬	8	4.16%	8	3.47%
SE7600	▼	9	1.57%	7	4.25%
SE3000H-US	▲	10	1.52%	28	0.00%











# Inverter Brand Detail



	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
PVI-3.0	▬	1	40.84%	1	35.04%
PVI-3.6	▬	2	21.56%	2	18.51%
PVI-4.2	▲	3	13.50%	5	11.90%
PVI-5000	▬	4	12.61%	4	12.06%
PVI-6000	▼	5	7.28%	3	13.48%
UNO-7.6-TL	▲	6	1.26%	9	0.82%
PVI 3.0	▬	7	0.73%	7	1.64%
PVI-3.8	▼	8	0.50%	6	3.68%
PVI 5000	▲	9	0.37%	12	0.34%
PVI 3.6	▼	10	0.33%	8	0.90%











# Inverter Brand Detail



	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
SB3000TL		1	13.60%	4	14.35%
SB5000TL		2	12.92%	1	17.91%
SB6000TL		3	9.45%	3	16.18%
SB3800TL		4	9.09%	2	16.23%
SB7700TL		5	6.44%	5	10.61%
SB5.0-1SP		6	5.33%	9	1.41%
STP24000TL		7	4.71%	8	1.66%
SB6.0-1SP		8	4.65%	10	1.28%
SB7000TL		9	4.47%	6	8.51%
SB7.7-1SP		10	3.86%	27	0.21%











# Inverter Brand Detail



	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
Fronius Primo 3.8-1		1	24.48%	1	35.29%
Fronius Primo 7.6-1		2	16.09%	2	21.85%
Fronius Primo 6.0-1		3	14.73%	3	13.03%
Fronius Primo 5.0-1		4	10.71%	4	12.61%
Fronius Primo 8.2-1		5	4.02%	5	4.14%
Fronius Symo 12.0-3		6	3.51%	12	0.60%
Fronius Symo 10.0-3		7	3.29%	11	0.63%
Galvo 1.5-1		8	1.81%	8	1.14%
Galvo 2.0-1		9	1.76%	6	1.43%
Galvo 3.1-1		10	1.64%	7	1.27%

# Panel Brand Detail

SUNPOWER®

	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
SPR-X21-345		1	23.85%	2	23.35%
SPR-E20-327		2	20.12%	1	35.58%
SPR-X22-360		3	19.91%	7	3.05%
SPR-X21-335		4	17.31%	5	5.11%
SPR-X20-250		5	4.95%	4	8.44%
SPR-E19-320		6	4.52%	8	1.39%
SPR-327NE		7	3.86%	3	15.12%
SPR-X20-327		8	1.59%	9	1.31%
SPR-230NE		9	0.79%	6	4.44%
SPR-E20-435		10	0.77%	12	0.31%

# Panel Brand Detail



	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
SW 285 Mono		1	32.89%	1	35.48%
SW 290 Mono		2	24.96%	3	5.76%
SW 300 Mono		3	9.13%	6	3.43%
SW 340 Mono		4	6.55%	15	0.59%
SW 280 Mono		5	6.10%	2	30.72%
SW 325 Mono		6	3.77%	9	1.83%
SW 345 Mono		7	3.13%	14	0.71%
SW 275 Mono		8	2.64%	4	5.40%
SW 260 Poly		9	2.36%	5	4.82%
SW 295 Mono		10	2.25%	16	0.55%



# Panel Brand Detail



	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
REC260PE	▬	1	41.55%	1	75.98%
REC275TP	▬	2	26.88%	2	14.31%
REC290TP	NA	3	17.13%	NA	0.00%
REC280TP	▼	4	9.87%	3	6.60%
RCM-280	NA	5	1.92%	NA	0.00%
REC255PE	▼	6	0.44%	4	1.71%
REC335TP	▲	7	0.31%	18	0.02%
REC315PE	▲	8	0.29%	9	0.11%
REC325PE	▲	9	0.20%	28	0.01%
REC285TP	▲	10	0.15%	21	0.02%

# Panel Brand Detail



	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
LG315N1C-Z4	▲	1	37.98%	6	6.76%
LG320N1C-G4	▲	2	20.63%	3	13.00%
LG310N1C-G4	▲	3	8.52%	4	10.15%
LG300N1K-G4	▼	4	5.86%	2	16.98%
LG285S1C-G4	▬	5	5.55%	5	6.85%
LG315N1C-G4	▼	6	5.18%	1	22.77%
LG305N1K-G4	▲	7	1.70%	37	0.14%
LG330N1C-A5	NA	8	1.55%	NA	0.00%
LG340S2W-G4	▲	9	1.02%	23	0.33%
LG305N1K-Z4	▲	10	1.02%	45	0.07%

# Panel Brand Detail



	Rank Change	2017		2016	
	2017 vs. 2016	Rank	% of Total	Rank	% of Total
CS6K-280M	▲	1	37.89%	6	3.62%
CS6P-265P	▼	2	13.61%	1	36.66%
CS6K-275M	▲	3	12.88%	4	7.45%
CS6X-320P	▲	4	4.24%	7	3.53%
CS6P-260P	▼	5	3.92%	2	15.15%
CS6U-340M	▲	6	3.02%	41	0.06%
CS6X-325P	▲	7	2.72%	15	0.41%
CS6K-295M	▲	8	2.49%	81	0.01%
CS6P-255P	▼	9	2.47%	3	14.83%
CS6X-315P	▼	10	1.91%	5	3.93%