



Selo Procel

## Módulos Fotovoltaicos

### Módulos Fotovoltaicos

Fornecedores: 58

Produtos: 333

Atualização  
11/08/2022

# MÓDULOS FOTOVOLTAICOS

Fornecedores: **58**  
 Produtos: **333**

Atualização: **11/08/2022**



FABRICANTE / FORNECEDOR	MARCA	MODELO	ÁREA (m²)	POTÊNCIA NA CONDIÇÃO PADRÃO (W)	CORRENTE NO PONTO DE MÁXIMA POTÊNCIA (A)	PRODUÇÃO MENSAL MÉDIA DE ENERGIA (kWh/mês)	EFICIÊNCIA ENERGÉTICA (%)	PESO (kg)
ALUMIFIX PERFIS E ACESSÓRIOS PARA ESQUADRIAS LTDA	OSDA SOLAR	ODA550-36V-MH	2,56	550	13,06	68,75	21,5	28,4
AMARA BRASIL	LONGI SOLAR	LR5-72HPH-545M	2,56	545	13,04	68,13	21,3	27,2
ANAUGER	SUNOWE	SF 125X125-72-M(L)	1,28	175	4,90	21,88	13,7	16,0
AXITEC	AXITEC	AC-240P/156-60S	1,63	240	7,98	30,00	14,7	19,5
AXITEC	AXITEC	AC-250P/156-60S	1,63	250	8,18	31,25	15,4	19,5
AXITEC	AXITEC	AC-255P/156-60S	1,63	255	8,30	31,88	15,7	19,5
AXITEC	AXITEC	AC-265M/156-60S	1,63	265	8,65	33,12	16,3	19,5
AXITEC	AXITEC	AC-260P/156-60S	1,63	260	8,43	32,50	16,0	18,5
AXITEC	AXITEC	AC-300P/156-72S	1,94	300	8,18	37,50	15,5	23,0
AXITEC	AXITEC	AC-310P/156-72S	1,94	310	8,39	38,75	16,0	23,0
AXITEC	AXITEC	AC-270P/156-60S	1,63	270	8,71	33,75	16,6	18,0
AXITEC	AXITEC	AC-300M/156-60S	1,63	300	9,34	37,50	18,4	18,0
AXITEC	AXITEC	AC-350M/72S	1,94	350	9,13	43,75	18,0	23,0
AXITEC	AXITEC	AC-360M/156-72S	1,94	360	9,23	45,00	18,6	23,0
AXITEC Componentes Solares do Brasil	AXITEC	AC-325P/156-72S	1,94	325	8,67	40,63	16,7	23,0
AXITEC Componentes Solares do Brasil	AXITEC	AC-535MH/144V	2,58	535	12,88	66,88	20,7	28,5
BALFAR SOLAR	BALFAR SOLAR	B572P-330W	1,94	330	8,71	41,25	17,0	22,0
BALFAR SOLAR	BALFAR SOLAR	B572P-335W	1,94	335	8,55	41,87	17,4	22,0
BALFAR SOLAR	BALFAR SOLAR	B572M-370W	1,94	370	9,11	46,25	19,0	22,0
BALFAR SOLAR	BALFAR SOLAR	B572M-375W	1,94	375	9,31	46,87	19,3	22,0
BALFAR SOLAR	BALFAR SOLAR	B572M-380W	1,94	380	9,15	47,50	19,5	22,0
BALFAR SOLAR	BALFAR SOLAR	B572M-400W	1,99	400	10,00	50,00	20,1	23,0
BAEQUIP	United Renewable Energy Co.	D6M310H3A	1,63	310	9,52	38,75	19,1	18,0
BAEQUIP	United Renewable Energy Co.	D6M365H4A	1,94	365	9,27	45,63	18,8	23,0
BEH Soluções	LUXEN	LNSU-410M	2,01	410	9,80	51,25	20,5	22,0
BEH Soluções	LUXEN	LNSU-450M	2,18	450	10,87	56,25	20,5	23,0
BYD do Brasil	BYD	BYD250P6C-30	1,63	250	8,30	31,26	15,4	18,9
BYD do Brasil	BYD	BYD255P6C-30	1,63	255	8,39	31,88	15,7	18,9
BYD do Brasil	BYD	BYD260P6C-30	1,63	260	8,48	32,51	16,0	18,9
BYD do Brasil	BYD	BYD295P6C-36	1,94	295	8,25	36,88	15,2	22,4
BYD do Brasil	BYD	BYD330P6C-36-5B	1,92	330	8,88	41,25	17,2	33,1
BYD do Brasil	BYD	BYD335P6C-36-5B	1,92	335	8,97	41,88	17,4	22,1
BYD do Brasil	BYD	BYD340P6C-36-5B	1,92	340	9,06	42,50	17,7	22,1
BYD do Brasil	BYD	11/08/2022	1,94	300	8,34	37,50	15,5	22,4
BYD do Brasil	BYD	BYD305P6C-36	1,94	305	8,43	38,13	15,7	22,4
BYD do Brasil	BYD	BYD310P6C-36	1,94	310	8,52	38,75	16,0	22,4
BYD do Brasil	BYD	BYD 320P6K-36	1,95	320	8,70	40,00	16,4	21,5
BYD do Brasil	BYD	BYD 325P6K-36	1,95	325	8,79	40,63	16,7	21,5
BYD do Brasil	BYD	BYD335P6D-36-5B	1,94	335	8,88	41,88	17,3	33,1
BYD do Brasil	BYD	BYD330P6K-36-5B	1,94	330	8,88	41,25	17,0	21,5
BYD do Brasil	BYD	BYD330P6D-36-5B	1,94	330	8,75	41,25	17,0	33,1
BYD do Brasil	BYD	BYD360M6K-36-5B	1,93	360	9,19	45,00	18,7	27,3
BYD do Brasil	BYD	BYD335P6K-36-5B	1,94	335	8,97	41,88	17,2	21,5
BYD do Brasil	BYD	BYD340P6K-36-5B	1,94	340	9,06	42,50	17,5	21,5
BYD do Brasil	BYD	BYD325P6K-36-5B	1,94	325	8,79	40,63	16,7	21,5
BYD do Brasil	BYD	BYD355M6K-36-5B	1,94	355	9,15	44,38	18,3	22,1
BYD do Brasil	BYD	BYD365M6K-36-5B	1,94	365	9,21	45,63	18,8	22,1
BYD do Brasil	BYD	BYD370M6K-36-5B	1,94	370	9,26	46,25	19,1	22,1
BYD do Brasil	BYD	BYD330P6D-36	1,93	330	8,88	41,25	17,1	33,1
BYD do Brasil	BYD	BYD330PHK-36	1,98	330	8,72	41,25	16,7	22,2
BYD do Brasil	BYD	BYD335PHK-36	1,98	335	8,79	41,88	16,95	22,2
BYD do Brasil	BYD	BYD330P6K-36	1,95	330	8,88	41,25	17,0	21,5
BYD do Brasil	BYD	BYD335P6K-36	1,95	335	8,97	41,87	17,2	21,5
BYD do Brasil	BYD	BYD 325PHK-36	1,98	325	8,65	40,62	16,45	22,2
BYD do Brasil	BYD	BYD 340PHK-36	1,98	340	8,86	42,50	17,2	22,2
BYD do Brasil	BYD	BYD385M7K-36-5B	1,98	385	9,53	48,13	19,5	21,7
BYD do Brasil	BYD	BYD390M7K-36-5B	1,98	390	9,54	48,75	19,7	21,7
BYD do Brasil	BYD	BYD 395M7K-36-5B	1,98	395	9,55	49,38	20,0	21,7
BYD do Brasil	BYD	BYD400M7K-36-5B	1,98	400	9,56	50,00	20,2	21,7
BYD do Brasil	BYD	BYD400MIK-36	2,01	400	9,79	50,00	19,9	21,0
BYD do Brasil	BYD	PIK335	2,01	335	8,79	41,88	16,65	21,0
BYD do Brasil	BYD	PIK340	2,01	340	8,86	42,50	16,90	21,7
BYD do Brasil	BYD	PIK345	2,01	345	8,93	43,13	17,15	21,8
BYD do Brasil	BYD	BYD445MGK-36	2,17	445	10,77	55,63	20,44	24,1
BYD do Brasil	BYD	BYD450MGK-36	2,17	450	10,84	56,25	20,67	24,1
BYD do Brasil	BYD	BYD455MGK-36	2,17	455	10,90	56,88	20,90	24,1
BYD do Brasil	BYD	BYD445MGTK-36	2,17	445	10,77	55,63	20,44	24,1
BYD do Brasil	BYD	BYD450MGTK-36	2,17	450	10,84	56,25	20,67	24,1
BYD do Brasil	BYD	BYD455MGTK-36	2,17	455	10,90	56,88	20,90	24,1

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FABRICANTE / FORNECEDOR	MARCA	MODELO	ÁREA (m <sup>2</sup> )	POTÊNCIA NA CONDIÇÃO PADRÃO (W)	CORRENTE NO PONTO DE MÁXIMA POTÊNCIA (A)	PRODUÇÃO MENSAL MÍDIA DE ENERGIA (kWh/mês)	EFICIÊNCIA ENERGÉTICA (%)	PESO (kg)
BYD do Brasil	BYD	BYD530MLK-36	2,55	530	12,74	66,25	20,71	29,0
BYD do Brasil	BYD	BYD535MLK-36	2,55	535	12,79	66,88	20,90	29,0
BYD do Brasil	BYD	BYD540MLK-36	2,55	540	12,84	67,50	21,10	29,0
BYD do Brasil	BYD	BYD530MLTK-36	2,55	530	12,74	66,25	20,71	29,0
BYD do Brasil	BYD	BYD535MLTK-36	2,55	535	12,79	66,88	20,90	29,0
BYD do Brasil	BYD	BYD540MLTK-36	2,55	540	12,84	67,50	21,10	29,0
BYD Energy do Brasil	BYD	BYD445MGK-36	2,17	445	10,77	55,63	20,44	24,1
BYD Energy do Brasil	BYD	BYD450MGK-36	2,17	450	10,84	56,25	20,67	24,1
BYD Energy do Brasil	BYD	BYD455MGK-36	2,17	455	10,90	56,88	20,90	24,1
BYD Energy do Brasil	BYD	BYD445MGTK-36	2,17	445	10,77	55,63	20,44	24,1
BYD Energy do Brasil	BYD	BYD450MGTK-36	2,17	450	10,84	56,25	20,67	24,1
BYD Energy do Brasil	BYD	BYD455MGTK-36	2,17	455	10,90	56,88	20,90	24,1
BYD Energy do Brasil	BYD	BYD530MLK-36	2,55	530	12,74	66,25	20,71	29,0
BYD Energy do Brasil	BYD	BYD535MLK-36	2,55	535	12,79	66,88	20,90	29,0
BYD Energy do Brasil	BYD	BYD540MLK-36	2,55	540	12,84	67,50	21,10	29,0
BYD Energy do Brasil	BYD	BYD530MLTK-36	2,55	530	12,74	66,25	20,71	29,0
BYD Energy do Brasil	BYD	BYD535MLTK-36	2,55	535	12,79	66,88	20,90	29,0
BYD Energy do Brasil	BYD	BYD540MLTK-36	2,55	540	12,84	67,50	21,10	29,0
CANADIAN SOLAR	CANADIAN SOLAR	CS6K-150P	0,99	150	8,3	18,75	15,2	12,0
CANADIAN SOLAR	CANADIAN SOLAR	CS6X-310P	1,92	310	8,39	38,75	16,0	23,0
CANADIAN SOLAR	CANADIAN SOLAR	CS6P-265P	1,61	265	8,66	33,12	16,5	18,0
CANADIAN SOLAR	CANADIAN SOLAR	CS6P-260P	1,61	260	8,56	32,5	16,2	18,5
CANADIAN SOLAR	CANADIAN SOLAR	CS6P-255P	1,61	255	8,43	31,88	15,9	18,0
CANADIAN SOLAR	CANADIAN SOLAR	CS6K-260P-FG	1,64	260	8,56	32,50	15,8	23,0
CANADIAN SOLAR	CANADIAN SOLAR	CS6K-270M	1,64	270	8,80	33,75	16,5	18,2
CANADIAN SOLAR	CANADIAN SOLAR	CS6K-275M	1,64	275	8,80	34,38	16,8	18,2
CANADIAN SOLAR	CANADIAN SOLAR	CS6K-270P	1,64	270	8,75	33,75	16,5	18,2
CANADIAN SOLAR	CANADIAN SOLAR	CS6X-315P	1,92	315	8,61	39,38	16,4	23,0
CANADIAN SOLAR	CANADIAN SOLAR	CS6U-315P	1,94	315	8,61	39,38	16,2	22,4
CANADIAN SOLAR	CANADIAN SOLAR	CS6U-320P	1,94	320	8,69	40,00	16,5	22,4
CANADIAN SOLAR	CANADIAN SOLAR	CS6U-325P	1,94	325	8,78	40,63	16,7	22,4
CANADIAN SOLAR	CANADIAN SOLAR	CS6U-330P (1000 V)	1,94	330	8,88	41,25	17,0	22,4
CANADIAN SOLAR	CANADIAN SOLAR	CS6U-330P (1500 V)	1,94	330	8,88	41,25	17,0	22,4
CANADIAN SOLAR	CANADIAN SOLAR	CS6U-335P (1500 V)	1,94	335	8,96	41,88	17,2	22,4
CANADIAN SOLAR	CANADIAN SOLAR	CS6X-320P	1,92	320	8,69	40,00	16,7	22,0
CANADIAN SOLAR	CANADIAN SOLAR	CS6X-315P-FG	1,96	315	8,61	39,38	16,0	27,5
CANADIAN SOLAR	CANADIAN SOLAR	CS6U-325P (1500V)	1,94	325	8,78	40,63	16,7	22,4
CANADIAN SOLAR	CANADIAN SOLAR	CS3W-400P (1500V)	2,21	400	10,34	50,00	18,1	24,9
CANADIAN SOLAR	CANADIAN SOLAR	CS3U-350P (1500V)	1,98	350	8,94	43,75	17,6	22,5
CANADIAN SOLAR	CANADIAN SOLAR	CS3U-355P (1500 V)	1,98	355	9,02	44,38	17,9	22,5
CANADIAN SOLAR	CANADIAN SOLAR	CS3U-360P (1500 V)	1,98	360	9,10	45,00	18,1	22,5
CANADIAN SOLAR	CANADIAN SOLAR	CS3W-415P	2,21	415	10,56	51,87	19,5	24,9
CANADIAN SOLAR	CANADIAN SOLAR	CS3W-420P	2,21	420	10,64	52,50	19,5	24,9
CANADIAN SOLAR	CANADIAN SOLAR	CS3W-445MS	2,21	445	10,89	55,62	20,6	24,9
CANADIAN SOLAR	CANADIAN SOLAR	CS3W-450MS	2,21	450	10,96	56,25	20,8	24,9
CANADIAN SOLAR	CANADIAN SOLAR	CS6W-545MS (1500 V)	2,56	545	13,14	68,13	21,3	27,8
CANADIAN SOLAR	CANADIAN SOLAR	CS6W-550MS (1500 V)	2,56	550	13,20	68,75	21,5	27,8
CANADIAN SOLAR	CANADIAN SOLAR	CS3W-455MS	2,21	455	11,02	56,88	20,6	24,3
ECOÁ ENERGIAS RENOVÁVEIS LTDA	PERLIGHT	PLM-260P-60	1,63	260	8,49	32,50	16,0	17,6
ECOÁ ENERGIAS RENOVÁVEIS LTDA	PERLIGHT	PLM-265P-60	1,63	265	8,56	33,12	16,3	17,6
ECOÁ ENERGIAS RENOVÁVEIS LTDA	PERLIGHT	PLM-320P-72	1,94	320	8,52	40,00	16,5	21,6
ECOÁ ENERGIAS RENOVÁVEIS LTDA	PERLIGHT	PLM-270P-60	1,63	270	8,65	33,75	16,6	17,6
ECOÁ ENERGIAS RENOVÁVEIS LTDA	PERLIGHT	PLM-325P-72	1,94	325	8,60	40,62	16,7	21,6
ECOÁ ENERGIAS RENOVÁVEIS LTDA	PERLIGHT	PLM-330P-72	1,94	330	8,83	41,25	17,0	21,6
ECOÁ ENERGIAS RENOVÁVEIS LTDA	PERLIGHT	PLM-310P-72	1,94	310	8,38	38,75	16,0	21,6
ECOÁ ENERGIAS RENOVÁVEIS LTDA	PERLIGHT	PLM-280M-60	1,63	280	8,85	35,00	17,2	17,6
ECOÁ ENERGIAS RENOVÁVEIS LTDA	PERLIGHT	PLM-275P-60	1,63	275	8,89	34,38	16,9	17,6
ECOÁ ENERGIAS RENOVÁVEIS LTDA	ASTRONERGY	CHSM6612P/HV-350	1,94	350	9,34	43,75	18,5	21,9
ELCO	ELCO	38B HR-250P-18/Bb	1,62	250	8,34	31,25	15,4	19,6
ELCOSOLAR	HAREONSOLAR	HR-260P-18/Bb	1,62	260	8,53	32,50	16,0	18,2
ELCOSOLAR	HAREONSOLAR	HR-275P-18/Bb	1,64	275	8,89	34,38	16,8	18,6
ELCOSOLAR	HAREONSOLAR	HR-330P-24/Ba	1,95	330	8,86	41,25	16,9	22,2
ELETRON ENERGIA S.A.	BYD	BYD 340 PIK	2,01	340	8,86	42,50	17,2	21,7
ELETRON ENERGIA S.A.	GCL SOLAR	GCL-M10/72H545W	2,56	545	12,87	68,13	21,2	27,0
ELETRON ENERGIA S.A.	GCL SOLAR	GCL-M12/66H660W	3,11	660	17,46	82,50	21,8	34,0
ENERGÉTICA A	JUST SOLAR	JST150P36	1,01	150	7,83	18,75	14,9	12,1
ENERGÉTICA A	JUST SOLAR	JST250P60	1,63	250	7,82	31,25	15,4	21,5
ENERGÉTICA A	JUST SOLAR	JST100P(72)	0,69	100	5,56	12,50	14,5	9,5
ENERGY TEAM	VIGEST SOLAR	VG-P150W	1	150	8,38	18,75	15,1	12,0
ENERGY TEAM	VIGEST SOLAR	VG-P250W	1,63	250	8,33	31,25	15,4	19,0
ENERGY TEAM	VIGEST SOLAR	VG-P300W	1,94	300	8,29	37,50	15,5	28,0
ENERGY TEAM	TENKA Solar	TKA-250W	1,63	250	8,22	31,25	15,4	18,5
ENERGY TEAM	TENKA Solar	TKA-280W	1,94	280	7,73	35,00	14,4	27,0

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ENERGY TEAM	TENKA Solar	TKA-300W	1,94	300	8,22	37,50	15,5	27,0
ENTÉUXES	POWERWELL	BW-SM100P24	0,68	100	8,33	12,50	14,7	7,7
ENTÉUXES	POWERWELL	BW-SM200M72	1,28	200	5,55	25,00	15,7	14,5
ENTÉUXES	POWERWELL	BW-SM250P60	1,64	250	8,35	31,25	15,3	19,2
ENTÉUXES	POWERWELL	BW-SM260M60	1,64	260	8,66	32,50	15,9	19,3
ENTÉUXES	POWERWELL	BW-SM300P72	1,94	300	8,61	37,50	15,4	23,2
ENTÉUXES	POWERWELL	BW-SM310M72	1,94	310	8,61	38,75	15,9	23,2
2MCL Consultoria	JA SOLAR	JAP6-60-260/4BB	1,64	260	8,44	32,50	15,9	18,2
2MCL Consultoria	JA SOLAR	JAP6-60-265/4BB	1,64	265	8,54	33,13	16,2	18,2
2MCL Consultoria	JA SOLAR	JAP6-72-315/4BB	1,94	315	8,48	39,38	16,3	26,0
2MCL Consultoria	JA SOLAR	JAP6-72-320/4BB	1,94	320	8,56	40,00	16,5	26,0
5G Energia	5G Energia	5G-450-72-MTF	2,17	450	10,69	56,25	20,9	24,0
5G Energia	5G Energia	5G-545-72MTF	2,55	545	13,38	68,13	21,0	27,2
5G Energia	5G Energia	5G-210-M-665-MH	3,11	665	17,32	83,12	21,4	34,0
Globo Brasil	Globo Brasil	GBR 260P	1,62	260	8,60	32,50	16,0	19,0
Globo Brasil	Globo Brasil	GBR 265P	1,62	265	8,65	33,14	16,3	19,0
Globo Brasil	Globo Brasil	GBR 270P	1,62	270	8,94	33,14	16,6	19,0
Globo Brasil	Globo Brasil	GBR 275P	1,62	275	8,96	33,14	16,9	19,0
Globo Brasil	Globo Brasil	GBR 280P	1,62	280	9,08	33,14	17,2	19,0
Globo Brasil	Globo Brasil	GBR 320P	1,94	320	8,58	40,00	16,5	27,0
Globo Brasil	Globo Brasil	GBR 325P	1,94	325	8,78	40,00	16,8	27,0
Globo Brasil	Globo Brasil	GBR 330P	1,94	330	8,89	40,00	17,0	27,0
Globo Brasil	Globo Brasil	GBR 340P	1,94	340	8,92	42,50	17,5	27,0
Globo Brasil	Globo Brasil	GBR360 MONO PERC	1,94	360	9,14	45,00	19,1	27,0
Globo Brasil	Globo Brasil	GBR365 MONO PERC	1,94	365	8,98	45,62	19,1	27,0
Globo Brasil	Globo Brasil	GBR370 MONO PERC	1,94	370	9,18	46,25	19,1	27,0
Globo Brasil	Globo Brasil	GBR375 MONO PERC	1,94	375	9,38	46,88	19,2	27,0
Globo Brasil	Globo Brasil	GBR380 MONO PERC	1,94	380	9,44	47,50	20,1	27,0
Geresul Energia e Engenharia	GCL	GCLM3/72H400	2,01	400	9,85	50,00	19,9	23,1
Hausmart	GCL	GCL-P6/72H330	1,94	330	8,73	41,25	17,0	26,0
Hausmart	GCL	GCL-P6/72H335	1,94	335	8,82	41,88	17,3	26,0
Hausmart	GCL	GCL-P6/72H365	1,95	365	9,10	45,62	18,7	22,5
Hausmart	GCL	GCL-M6/72H360	1,94	360	9,23	45,00	18,6	22,2
Hausmart	GCL	GCL-M6/72H365	1,94	365	9,31	45,63	18,8	22,2
Hausmart	GCL	GCL-P6/72H340	1,94	340	8,90	42,50	17,5	22,2
Hausmart	GCL	GCL-P6/72H345	1,94	345	8,87	43,13	17,8	22,2
Hausmart	GCL	GCL-P6/72H350	1,94	350	8,93	43,75	18,0	22,2
Hausmart	GCL	GCL-P6/72H355	1,94	355	8,99	44,38	18,3	22,2
Hausmart	GCL	GCL-P6/72H375	1,95	375	9,22	46,88	19,2	22,5
Hausmart	GCL	GCL-P6/72H370	1,95	370	9,16	46,25	18,9	22,5
HCC Projetos Elétricos	HT-SAAE	HT66-18X-505	2,37	505	13,12	63,13	21,3	26,0
ISL IMPORTAÇÃO E EXPORTAÇÃO INDÚSTRIA E COMÉRCIO	QUALITY SOLAR	QSS45-144HM8	2,56	545	13,00	68,13	21,3	28,4
JA SOLAR BRASIL	JA SOLAR	JAM6(K)-60-285/PR	1,64	285	8,99	35,62	17,4	18,0
JA SOLAR BRASIL	JA SOLAR	JAM6(K)-60-290/PR	1,64	290	9,12	36,25	17,7	18,0
JA SOLAR BRASIL	JA SOLAR	JAM6(K)-60-295/PR	1,64	295	9,21	36,88	18,0	18,0
JA SOLAR BRASIL	JA SOLAR	JAP60S01-275/SC	1,64	275	8,77	34,38	16,8	18,2
JA SOLAR BRASIL	JÁ SOLAR	JAP60S01-270/SC	1,64	270	8,67	33,75	16,5	18,2
JA SOLAR BRASIL	JA SOLAR	JAM6(K)-60-275/4BB	1,64	275	8,93	34,38	16,8	18,0
JA SOLAR BRASIL	JA SOLAR	JAM6(K)-72-340/PR	1,94	340	8,91	42,50	17,5	23,0
JA SOLAR BRASIL	JA SOLAR	JAP72S01-330/SC	1,94	330	8,77	41,25	17,0	22,0
JA SOLAR BRASIL	JA SOLAR	JAM6(K)-72-335/4BB	1,94	335	8,66	41,88	17,2	23,0
JA SOLAR BRASIL	JÁ SOLAR	JAP72S01-325/SC	1,94	325	8,69	40,63	16,7	22,0
JA SOLAR BRASIL	JA SOLAR	JAM72S03-375/PR	1,98	375	9,48	46,88	18,9	22,5
JA SOLAR BRASIL	JA SOLAR	JAM72S03-380/PR	1,98	380	9,55	47,50	19,2	22,5
JA SOLAR BRASIL	JA SOLAR	JAP72S01-335/SC	1,97	335	8,95	41,88	17,0	22,3
JA SOLAR BRASIL	JA SOLAR	JAM72S10-400/MR	2,01	400	9,68	50,00	19,9	22,7
JA SOLAR BRASIL	JA SOLAR	JAM72S09-390/PR	1,97	390	9,70	48,75	19,8	22,3
JA SOLAR BRASIL	JA SOLAR	JAM78S10-435/MR	2,17	435	9,94	54,37	20,0	24,5
JA SOLAR BRASIL	JA SOLAR	JAM78S10-440/MR	2,17	440	9,97	55,00	20,3	24,5
JA SOLAR BRASIL	JA SOLAR	JAM78S10-445/MR	2,17	445	10,01	55,62	20,5	24,5
JINKO SOLAR	JINKO SOLAR	JKM265PP-60	1,64	265	8,44	33,12	16,2	18,5
JINKO SOLAR	JINKO SOLAR	JKM320PP-72-V	1,94	320	8,56	40,00	16,5	26,5
JINKO SOLAR / Elettron Energia S.A.	JINKO SOLAR	JKM535-72HL4-BDVP	2,57	535	13,07	66,88	20,98	32,0
KOMLOG	KOMEKO	KOFV FR340 - AR	1,94	340	9,07	42,50	17,5	22,5
KOMLOG	KOMEKO	KOFV FR 340P	1,98	340	9,02	42,50	16,9	21,5
KOMLOG	KOMEKO	KOFV FR 445 MP-HC	2,19	445	10,70	55,63	21,3	24,0
KVA Sistemas de Energia	KVA	Coral 260 P-60	1,63	260	8,10	32,40	16,0	17,6
KVA Sistemas de Energia	KVA	Coral 310 P-72	1,94	310	8,06	38,75	16,0	21,6
KYOCERA	KYOCERA	KD140SX-UFBS	1,00	140	7,91	17,50	14,0	12,9
KYOCERA	KYOCERA	KD240GX-LFB	1,64	240	8,06	30,00	14,6	21,0
KYOCERA	KYOCERA	KD240GH-2PB	1,64	240	8,06	30,00	14,6	21,0
KYOCERA	KYOCERA	KD245GH-4FB	1,647	245	8,23	30,62	14,9	21,0
KYOCERA	KYOCERA	KD250GH-4FB2	1,645	250	8,39	31,25	15,2	20,0
KYOCERA	KYOCERA	KB260-6MPA	1,645	260	8,39	32,50	15,8	19,0
KYOCERA	KYOCERA	KD315GH-4FB	2,194	315	7,92	39,37	14,3	27,5
KYOSERVICE ENGENHARIA E COMÉRCIO LTDA	KYOSERVICE	KS-340	1,94	340	9,02	42,50	17,5	23,0
KYOSERVICE ENGENHARIA E COMÉRCIO LTDA	KYOSERVICE	KS400	2,01	400	9,84	50,00	19,9	23,0

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FABRICANTE / FORNECEDOR	MARCA	MODELO	ÁREA (m <sup>2</sup> )	POTÊNCIA NA CONDIÇÃO PADRÃO (W)	CORRENTE NO PONTO DE MÁXIMA POTÊNCIA (A)	PRODUÇÃO MENSAL MÍDIA DE ENERGIA (kWh/mês)	EFICIÊNCIA ENERGÉTICA (%)	PESO (kg)
Loja Elétrica	KRIPT	KRPF-340P5B	1,98	340	9,01	42,50	17,3	22,0
Loja Elétrica	KRIPT	KRPF-380M5B	1,98	380	9,60	47,50	18,9	22,0
Longi / RIBEIRO IND E COMERCIO DE PRODUTOS ELETRONICOS	Longi	LR4-72HBD-450M	2,18	450	10,87	56,25	20,7	27,5
LS ENERGIA	AIDUOPV	AD250-60P	1,61	250	8,23	31,25	15,5	19,5
LS ENERGIA	AIDUOPV	AD255-60P	1,61	255	8,34	31,88	15,9	19,5
LS ENERGIA	AIDUOPV	AD260-60P	1,61	260	8,45	32,50	16,2	19,5
LS ENERGIA	AIDUOPV	AD300-72P	1,92	300	8,31	37,50	15,6	26,0
LS ENERGIA	AIDUOPV	AD305-72P	1,92	305	8,43	38,13	15,9	26,0
MANFER	FIRSTOPTION S	150-18-M	0,99	150	7,90	18,75	15,1	11,6
MANFER	FIRSTOPTION S	250-30-M	1,62	250	7,90	31,25	15,4	18,6
MES ENERGIA	TALESUN	TP660P-240	1,62	240	8,08	30,00	14,8	20,0
MES ENERGIA	TALESUN	TP660P-245	1,624	245	8,14	30,62	15,1	20,0
MES ENERGIA	TALESUN	TP660M-255	1,624	255	8,44	31,87	15,7	20,0
MES ENERGIA	TALESUN	TP660M-260	1,624	260	8,55	32,50	16,0	20,0
MES ENERGIA	TALESUN	TP672M-310	1,94	310	8,32	38,78	15,5	26,0
MES ENERGIA	TALESUN	TP672M-315	1,94	315	8,47	39,37	16,2	26,0
MES ENERGIA	SUNGEN	SGM-195D	1,277	195	5,05	24,37	15,3	15,5
MES ENERGIA	SUNGEN	SGM-240P	1,62	240	8,08	30,00	14,7	19,5
MINASOL	MINASOL	MS 150	1,02	150	8,11	18,75	14,7	11,9
MINASOL	MINASOL	MS 260	1,62	260	8,95	32,50	16,1	17,9
MINASOL	MINASOL	MS 320	1,94	320	8,63	40,00	16,5	22,5
NATIVA IMP EXP	QXPV	SL150TU-18P	0,99	150	8,06	18,75	15,1	11,6
NATIVA IMP EXP	QXPV	SL250TU-30P	1,62	250	8,06	31,25	15,4	18,6
NATIVA IMP EXP	QXPV	SL260TU-30P	1,62	260	8,29	32,49	16,0	18,6
NATIVA IMP EXP	QXPV	SL300TU-36P	1,94	300	8,02	37,25	15,5	26,0
NATIVA IMP EXP	QXPV	SL310TU-36P	1,94	310	8,21	38,59	16,0	22,5
NHS SISTEMAS ELETRONICOS	JA SOLAR	JAM72520-455/MR	2,23	455	10,88	56,87	20,5	25,0
NHS SISTEMAS ELETRONICOS	DAH SOLAR	DHT-M60X10-460W	2,16	460	8,71	57,5	21,3	23,5
QUANTUM ENGENHARIA	LONGI SOLAR	LR4-72HPH435M	2,22	435	10,67	54,38	20,7	24,0
RENOVIGI	RISEN	RSM60-6-260P	1,63	260	8,53	32,50	16,0	19,5
RIBEIRO IND E COM DE PRODUTOS ELETRICOS LTDA	JA SOLAR	JAM72D30-540MB	2,59	540	12,97	67,50	20,8	31,6
RISEN ENERGY CO. LTDA	RISEN	RSM72-6-370M	1,94	370	9,35	46,25	19,1	22,0
RISEN ENERGY CO. LTDA	RISEN	RSM72-6-375M	1,94	375	9,40	46,88	19,3	22,0
RISEN ENERGY CO. LTDA	RISEN	RSM72-6-330P	1,94	330	8,80	41,25	17,0	22,0
RISEN ENERGY CO. LTDA	RISEN SOLAR	RSM72-6-335P	1,94	335	8,90	41,88	17,3	22,0
RISEN ENERGY CO. LTDA	RISEN SOLAR	RSM72-6-340P	1,94	340	9,00	42,50	17,5	22,0
RISEN ENERGY CO. LTDA	RISEN SOLAR	RSM72-6-370BMDG	1,97	370	9,35	46,25	18,8	25,0
RISEN ENERGY CO. LTDA	RISEN SOLAR	RSM72-6-375BMDG	1,97	375	9,40	46,88	19,1	25,0
RISEN ENERGY CO. LTDA	RISEN SOLAR	RSM72-6-380BMDG	1,97	380	9,45	47,50	19,3	25,0
RISEN ENERGY CO. LTDA	RISEN SOLAR	RSM72-6-385BMDG	1,97	385	9,50	48,13	19,6	25,0
RISEN ENERGY CO. LTDA	RISEN SOLAR	RSM144-6-340P	1,99	340	8,80	42,50	17,1	23,0
RISEN ENERGY CO. LTDA	RISEN SOLAR	RSM144-6-345P	1,99	345	8,90	43,13	17,3	23,0
RISEN ENERGY CO. LTDA	RISEN SOLAR	RSM72-6-380M	1,94	380	9,45	47,50	19,6	22,0
PHONO SOLAR/SICES BRASIL	SICES SOLAR	PS380MH-24/TH	1,98	380	9,42	47,50	19,1	22,6
PHONO SOLAR/SICES BRASIL	SICES SOLAR	PS385MH-24/TH	1,98	385	9,48	48,13	19,4	22,6
PHONO SOLAR/SICES BRASIL	SICES SOLAR	PS390MH-24/TH	1,98	390	9,53	48,75	19,6	22,6
SOLEN COMERCIO E SERVICOS DE ENERGIA SOLAR	AMERISOLAR	AS-7M144-HC-550W	2,58	550	13,16	68,75	21,2	29,0
SS SOLAR	SOLARWORLD	SW 145 Poly	1,03	145	8,17	18,12	14,1	11,8
SS SOLAR	SOLARWORLD	SW 150 Poly	1,03	150	8,27	18,75	14,6	11,8
SS SOLAR	SOLARWORLD	SW 245 Poly	1,68	245	8,22	30,62	14,6	17,9
SS SOLAR	SOLARWORLD	SW 250 Poly	1,68	250	8,27	31,25	14,9	21,2
SS SOLAR	SOLARWORLD	SW 260 Poly	1,68	260	8,37	32,50	15,5	21,2
SS SOLAR	KOMAES	KM (P) 140	1,01	140	7,65	17,50	13,9	11,6
SS SOLAR	KOMAES	KM (P) 150	1,01	150	8,21	18,75	14,9	11,0
SS SOLAR	KOMAES	KM 245	1,63	245	7,91	30,62	15,0	19,8
SS SOLAR	KOMAES	KM (P) 250	1,63	250	7,99	31,25	15,3	18,8
SS SOLAR	SUNPOWER	SPR-E20435-COM	2,16	435	5,97	54,38	20,1	25,4
SS SOLAR	SUNPOWER	SPR-E20327-COM	1,63	327	5,98	40,88	20,1	18,6
SS SOLAR	SUNPOWER	SPR-P19-390-COM	2,06	390	9,05	48,75	18,9	23,1
SS SOLAR	SUNPOWER	SPR-P19-395-COM	2,06	395	9,14	49,38	19,1	23,1
SOLARIS	SOLARIS	S140P	1,01	140	7,65	17,50	13,9	11,6
SOLARIS	SOLARIS	S250P	1,63	250	7,99	31,25	15,3	18,3
TALESUN DO BRASIL	TALESUN	TP672P-330	1,94	330	8,76	41,25	17,0	22,0
TECNOMETAL	DYA SOLAR	SV 145D12	0,99	145	8,06	18,13	14,7	11,4
TECNOMETAL	DYA SOLAR	SV 245D20	1,61	245	8,06	30,63	15,2	18,0
TECNOMETAL	DYA SOLAR	SV 250D20	1,61	250	8,10	31,25	15,5	18,0
TRINA SOLAR	TRINA SOLAR	TSM-345PE15H	2,0321	345	9,15	43,12	17,0	22,8
TRINA SOLAR	TRINA SOLAR	TSM-350PE15H	2,0321	350	9,23	43,75	17,2	22,8
TRINA SOLAR	TRINA SOLAR	TSM-400DE15M (II)	2,0321	400	9,92	50,00	19,7	22,8
TRINA SOLAR	TRINA SOLAR	TSM-405DE15M (II)	2,0321	405	10,00	50,62	19,9	22,8
TRINA SOLAR	TRINA SOLAR	TSM-450DE17M(II)	2,1861	450	10,98	56,25	20,6	24,0
TRINA SOLAR	TRINA SOLAR	TSM-455DE17M(II)	2,1861	455	11,06	56,88	20,8	24,0
TRINA SOLAR	TRINA SOLAR	TSM-540DEG19C-20	2,61	540	17,21	67,50	21,0	32,6
TRINA SOLAR	TRINA SOLAR	TSM-510DE18M(II)	2,41	510	11,81	63,75	20,9	26,5
TRITEC ENERGY	HAREON	HR-265P-18/Bb	1,62	265	8,63	33,12	16,3	19,3
TRITEC ENERGY	HAREON	HR-315P-24/Ba	1,94	315	8,49	39,38	16,3	21,5

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FABRICANTE / FORNECEDOR	MARCA	MODELO	ÁREA (m <sup>2</sup> )	POTÊNCIA NA CONDIÇÃO PADRÃO (W)	CORRENTE NO PONTO DE MÁXIMA POTÊNCIA (A)	PRODUÇÃO MENSAL MÍDIA DE ENERGIA (kWh/mês)	EFICIÊNCIA ENERGÉTICA (%)	PESO (kg)
TRITEC ENERGY	HAREON	HR-320P-24/Ba	1,94	320	8,57	40,00	16,5	21,5
TRITEC ENERGY	HAREON	HR-325P-24/Ba	1,94	325	8,74	40,62	16,8	21,5
WBS ENERGIA EIRELI	JA SOLAR	JAM72530-540/MR	2,58	540	12,97	67,50	20,9	28,6
WM LAUDISIO JUNIOR ME	SERAPHIM SOLAR	SRP-330-6PA	1,94	330	8,80	41,25	17,0	21,5
WM LAUDISIO JUNIOR ME	SERAPHIM SOLAR	SRP-330-6PA-HV	1,94	330	8,80	41,25	17,0	21,5
WM LAUDISIO JUNIOR ME	SERAPHIM SOLAR	SRP-400-BMA-HV	2,02	400	9,62	50,00	19,8	23,0
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM110-8-535BMDG	2,61	535	17,07	66,88	20,5	33,5
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM110-8-540BMDG	2,61	540	17,12	67,50	20,7	33,5
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM110-8-540M	2,61	540	17,17	67,50	20,7	29,0
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM110-8-545BMDG	2,61	545	17,17	68,13	20,9	33,5
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM120-8-585BMDG	2,83	585	17,10	73,13	20,7	35,0
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM120-8-585M	2,83	585	17,15	73,13	20,7	31,5
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM120-8-590M	2,83	590	17,20	73,75	20,8	31,5
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM120-8-600M	2,83	600	17,30	75,00	21,2	31,5
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM144-7-445BMDG	2,23	445	10,80	55,63	20,0	29,0
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM144-7-445M	2,21	445	10,80	55,63	20,1	25,0
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM144-7-450M	2,21	450	10,90	56,25	20,4	25,0
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM150-8-500M	2,46	500	11,80	62,50	20,3	28,5
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM144-7-450BMDG	2,23	450	10,90	56,25	20,2	29,0
WM LAUDISIO JUNIOR ME	RISEN SOLAR	RSM110-8-535M	2,61	535	17,12	66,88	20,5	29,0
YINGLI	YINGLI	YL 095P-17b 2/3	0,67	95	5,23	11,88	14,2	7,7
YINGLI	YINGLI	YL 145P-17b	1	145	7,99	18,13	14,5	11,5
YINGLI	YINGLI	YL 140P-17b	1	140	7,77	17,50	14,0	11,5
YINGLI	YINGLI	YL200P-23b	1,3	200	8,25	25,00	15,4	14,7
YINGLI	YINGLI	YL240P-29b	1,62	240	8,18	30,00	14,8	18,5
YINGLI	YINGLI	YL245P-29b	1,62	245	8,28	30,63	15,1	18,5
YINGLI	YINGLI	YL255P-29b	1,62	255	8,49	31,88	15,7	18,5
YINGLI	YINGLI	YL 250P-29b	1,62	250	8,24	31,25	15,4	18,5
YINGLI	YINGLI	YL260P-29b	1,62	260	8,59	32,50	16,0	18,5
YINGLI	YINGLI	YL270C-30b	1,63	270	8,85	33,75	16,6	18,5
YINGLI	YINGLI	YL275C-30b	1,63	275	8,91	34,38	16,9	18,5
YINGLI	YINGLI	YL300P-35b	1,94	300	8,37	37,50	15,5	25,5
YINGLI	YINGLI	YL 310P-35b	1,94	310	8,53	38,75	16,0	25,5
YINGLI	YINGLI	YL305P-35b	1,94	305	8,45	38,13	15,7	25,5
YINGLI	YINGLI	YL295P-35b	1,95	295	8,12	36,88	15,1	26,8
ZAPI	Huashun ZATECH	SH-250P6-20	1,63	250	8,16	31,25	15,4	18,0
ZAPI	Huashun ZATECH	SH-260P6-20	1,63	260	8,33	32,50	16,0	18,0
Zyron	DMEGC	DM340-M156-72	1,94	340	8,94	42,50	17,5	26,0