



Sustainably Manufactured Solar Panels:

JA Solar | JAP6-72-3153BB

Expected Finished Goods Quantity: ~20,000 pcs

Panels Per Pallet: 24

Estimated Weight and Dimensions Per Pallet: 78"x44"x46", 823 lbs. Can be double stacked.

Inspected, machine washed, flash tested, and palletized. Repair/replace junction boxes and connectors when applicable.

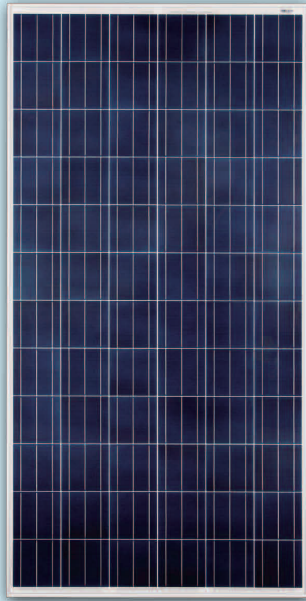
Pictures:



JAP6

72/295-315/3BB

MULTICRYSTALLINE SILICON MODULE



JA Solar Holdings Co., Ltd.

JA Solar Holdings Co., Ltd. is a world-leading manufacturer of high-performance photovoltaic products that convert sunlight into electricity for residential, commercial, and utility-scale power generation. The company was founded on May 18, 2005, and was publicly listed on NASDAQ on February 7, 2007. JA Solar is one of the world's largest producers of solar cells and modules. Its standard and high-efficiency product offerings are among the most powerful and cost-effective in the industry.

Address: NO.36, Jiang Chang San Road, Zhabei, Shanghai 200436, China

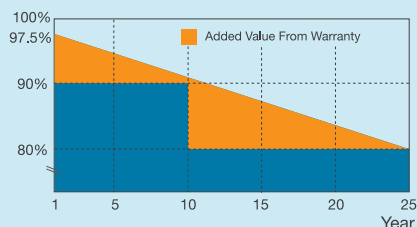
TEL: +86 21 6095 5888 / +86 21 6095 5999

FAX: +86 21 6095 5858 / +86 21 6095 5959

Email: sales@jasolar.com market@jasolar.com

Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



Key Features



Multicrystalline modules designed for commercial and solar farm grid-tied applications



High output, 16.25% highest conversion efficiency



Designed for IEC DC 1000V applications



Anti-reflective and anti-soiling surface reduces power loss from dirt and dust



Outstanding performance in low-light irradiance environments



Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)



High salt and ammonia resistance certified by TÜV NORD

Reliable Quality

- Positive power tolerance: 0~+5W
- 100% EL double-inspection ensures modules are defects free
- Modules binned by current to improve system performance
- Potential Induced Degradation (PID) Resistant

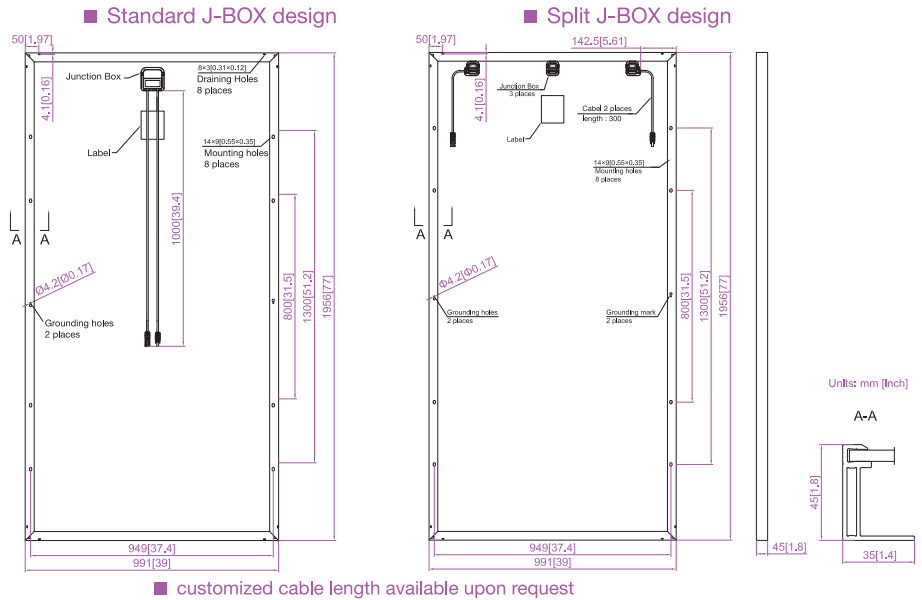
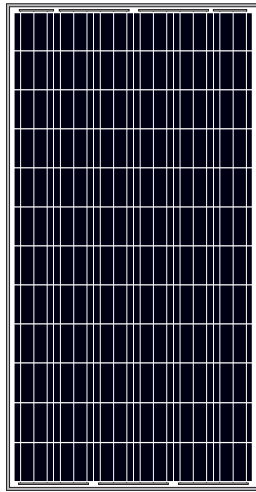
Comprehensive Certificates

- IEC 61215, IEC 61730, UL1703, CEC Listed, MCS and CE
- ISO 9001: 2008: Quality management systems
- ISO 14001: 2004: Environmental management systems
- BS OHSAS 18001: 2007: Occupational health and safety management systems
- Environmental policy: The first solar company in China to complete Intertek's carbon footprint evaluation program and receive green leaf mark verification for our products



Specifications subject to technical changes and tests. JA Solar reserves the right of final interpretation.

Engineering Drawings



MECHANICAL PARAMETERS

Cell (mm)	Poly 156x156
Weight (kg)	22.5 (approx)
Dimensions (LxWxH) (mm)	1956x991x45
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	72 (6x12)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	23 Per Pallet

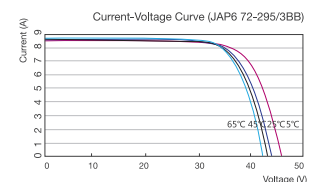
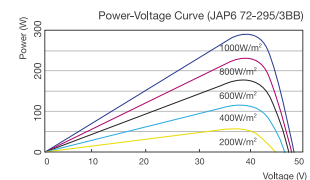
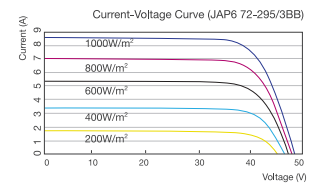
WORKING CONDITIONS

Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	15A
Maximum Static Load, Front (e.g., snow and wind)	5400Pa (112 lb/ft ²)
Maximum Static Load, Back (e.g., wind)	2400Pa (50 lb/ft ²)
NOCT	45±2°C
Application Class	Class A

ELECTRICAL PARAMETERS

TYPE	JAP6 72-295/3BB	JAP6 72-300/3BB	JAP6 72-305/3BB	JAP6 72-310/3BB	JAP6 72-315/3BB
Rated Maximum Power at STC (W)	295	300	305	310	315
Open Circuit Voltage (Voc/V)	45.00	45.20	45.35	45.45	45.60
Maximum Power Voltage (Vmp/V)	36.25	36.41	36.71	37.00	37.28
Short Circuit Current (Isc/A)	8.65	8.73	8.79	8.85	8.91
Maximum Power Current (Imp/A)	8.14	8.24	8.31	8.38	8.45
Module Efficiency [%]	15.22	15.48	15.73	15.99	16.25
Power Tolerance (W)	-0 ~ +5W				
Temperature Coefficient of Isc (αIsc)	+0.058%/°C				
Temperature Coefficient of Voc (βVoc)	-0.330%/°C				
Temperature Coefficient of Pmax (γPmp)	-0.430%/°C				
STC	Irradiance 1000W/m ² , Module Temperature 25°C, Air Mass 1.5				

I-V CURVE



NOCT

TYPE	JAP6 72-295/3BB	JAP6 72-300/3BB	JAP6 72-305/3BB	JAP6 72-310/3BB	JAP6 72-315/3BB
Max Power (Pmax) [W]	214.17	217.80	221.43	225.06	228.69
Open Circuit Voltage (Voc) [V]	42.14	42.31	42.47	42.58	42.63
Max Power Voltage (Vmp) [V]	33.57	33.77	33.91	34.05	34.08
Short Circuit Current (Isc) [A]	6.84	6.89	6.93	6.99	7.06
Max Power Current (Imp) [A]	6.38	6.45	6.53	6.61	6.71
Condition	Under Normal Operating Cell Temperature, Irradiance of 800 W/m ² , spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s				

Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

JAP6-72-315-3BB Flash Data Sample

Serial Number	ISC	VOC	PMAX	IPM	VPM	PalletID
523332303704	9.171446857	45.38769345	314.9676507	8.617104645	36.55144781	523342301
523332303804	9.077701626	45.34742916	313.8096304	8.600322925	36.4881218	523342301
523332303904	9.210470963	45.39400214	316.4916683	8.661783769	36.53885582	523342301
523332304004	9.249727733	45.50663081	318.4740693	8.672635748	36.72171627	523342301
523332304104	9.186918131	45.52704128	318.8778175	8.72177106	36.56113137	523342301
523332304204	9.080638163	45.45653239	314.6043472	8.587780306	36.63395383	523342301
523332304304	9.08518188	45.51863492	315.1433157	8.603020722	36.63170482	523342301
523332304404	9.065843287	45.14610773	313.3201758	8.615320501	36.36779105	523342301
523332304504	9.137032858	45.35485115	315.7143426	8.687733327	36.34024327	523342301
523332304604	9.343360247	45.30345388	319.0108049	8.751955974	36.45022963	523342301
523332304704	9.291378914	45.38695125	318.2843228	8.732580108	36.44791332	523342301
523332304804	9.175649363	45.14629328	316.1553125	8.68181021	36.4158286	523342301
523332304904	9.073693614	45.15352972	309.9954495	8.515277768	36.40461978	523342301
523332305004	9.138028724	45.31681346	313.6936117	8.619878723	36.39188227	523342301
523332305104	9.058661386	45.06242481	310.2628472	8.545672365	36.30642903	523392301
523332305604	9.108229129	45.61165194	315.0857986	8.599160886	36.64145872	523342301
523332305704	9.060435179	45.24463462	310.5599271	8.490399825	36.57777414	523342301
523332305804	9.092080425	45.56637781	318.7812531	8.614531546	37.00505958	523342301
523332305904	9.088225141	45.31180362	315.7011016	8.667107531	36.42519727	523342301
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523332306104	9.217093354	45.56860441	319.2666208	8.590231238	37.1662429	523342301
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523392313804	8.973776498	45.06168261	307.1247929	8.405900278	36.53681137	523392303
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523392314804	9.18984201	45.39567208	314.3518259	8.412108191	37.36897086	523392303
523392320404	9.177006607	45.39864088	314.7520163	8.545965916	36.83047877	523392303
523392320504	8.971107117	44.74105272	303.9272172	8.340717893	36.43897577	523392303
523392320804	9.107104535	45.14480888	311.2980604	8.477586832	36.72012644	523392303
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523392321204	9.187719041	45.39455879	315.7979813	8.590548503	36.76109636	523392303
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523392321404	9.17865062	45.29417639	313.7245291	8.536589381	36.75057041	523392303
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523392321804	8.945216887	44.98690608	306.2476928	8.307915352	36.86215854	523412301
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523392322504	9.089421181	45.36004654	313.0914579	8.53635526	36.67741658	523412301
523392322604	9.058829282	45.39418769	311.5199832	8.497238959	36.66131843	523412301
523392322704	9.095377428	45.39251774	314.4592563	8.463260264	37.15580598	523412301
523402300205	9.122463755	45.18665519	315.3890595	8.63597676	36.52036918	523402301
523402300305	9.23285729	45.4280329	315.1462814	8.661253946	36.385757	523402301
523402300905	9.160911542	45.58247764	318.6398939	8.675474867	36.72881298	523402301
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523402301105	9.131563018	45.47131442	316.9316171	8.634574698	36.70494822	523402301
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523402303305	9.08232711	45.26378508	311.5341074	8.517202028	36.577048	523452301
523402308405	9.200154396	44.74052261	307.0499488	8.51712191	36.05090452	523452301
523402308605	9.135809502	44.88054017	309.1340837	8.663511894	35.68230614	523452301
523402308705	9.096472475	44.82616083	307.2847019	8.512715428	36.0971425	523452301
523402308805	9.098942574	44.84835648	307.1989664	8.577347633	35.815147	523452301
523402309105	9.153587544	44.88072514	309.3357667	8.622709165	35.87454485	523452301
523402309505	9.128780222	44.79064779	308.5667259	8.642995576	35.70136339	523452301
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523402310805	9.225117964	45.38216189	314.2496395	8.707471421	36.089655	523452301
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523402316905	9.172799433	45.54312182	317.9963585	8.653784402	36.74650809	523452301
523402319305	9.061838743	45.48523363	313.2805184	8.52886809	36.73178142	523452301
523402319405	8.930688549	45.0600998	302.7690455	8.308111042	36.44258532	523452301
523402319705	9.053708494	45.50049676	312.6132203	8.539864988	36.60634222	523452301
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523402320405	9.056205125	45.53809616	313.4068668	8.478988914	36.96276408	523452301
523402320505	8.948603196	45.17420096	307.6081352	8.421754375	36.52542231	523452301
523402320805	8.980587038	45.38527879	311.1525872	8.409586169	36.99975016	523452301
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523402325104	9.032372673	45.54237728	311.4068909	8.403105438	37.05854855	523412301
523402325204	9.037325635	45.52339144	313.5310601	8.459428888	37.06291101	523412301
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523412300204	9.14148647	45.1882985	312.1679715	8.499074101	36.72964464	523412301
523412300304	9.140077148	45.45193182	309.4703256	8.457785825	36.58999317	523412301
523412300404	9.126889537	45.21980992	309.4738335	8.496441225	36.42393624	523412301
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523412300704	9.162808959	45.63605377	308.3039326	8.442985873	36.51598348	523412301
523412300804	9.133200716	45.56057293	315.5184548	8.56760865	36.82689858	523412301
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523542308705	9.123534455	44.87194921	309.0465456	8.553630293	36.13045397	523542302
523542308805	9.147179282	44.87047106	312.1482569	8.579432833	36.38332078	523542303
523542308905	9.160819653	44.86532905	312.8346675	8.605958056	36.3509403	523542302
523542309005	9.149587838	44.86043989	310.1983504	8.534840279	36.34495084	523542302
523542309205	9.059206918	45.13154888	310.7835952	8.522808628	36.46492709	523542302
523542309405	9.147723079	45.1618509	312.9084657	8.588883436	36.43179792	523542302
523542309505	9.079412045	45.14300452	310.5149247	8.625076501	36.00141108	523542302
523542309605	9.012896054	44.98922212	308.2771835	8.431439558	36.56281723	523542302
523542309705	9.021732427	45.00627587	308.7313284	8.47758074	36.4173858	523542302
523542309805	9.059807666	44.96488774	308.4494366	8.517059097	36.21548624	523542302

523542309905	9.087008865	45.14725419	310.0568835	8.563955578	36.20486826	523542302
523542310005	9.0337064	45.03957571	309.1570483	8.511054936	36.32417492	523542302
523542310305	9.086332021	44.90262077	311.6801644	8.644846651	36.05386851	523542303
523542310705	9.036826103	44.7010384	303.486407	8.486800396	35.75981441	523542303
523542310805	8.936507046	44.80691072	302.2330948	8.397857371	35.9893103	523542303
523542310905	9.073047732	44.48412025	304.6192353	8.532973163	35.6990734	523542303
523542311005	9.069738427	44.57391771	307.3564137	8.617612444	35.66607523	523542303
523542311105	9.049410396	44.53530111	305.5274596	8.604997113	35.50581779	523542303
523542311205	9.125341363	44.54380045	306.7214228	8.619731577	35.58363971	523542303
523542311305	9.064748118	44.51879603	303.8232598	8.511074195	35.69740468	523542303
523542311505	8.993133123	44.54841967	303.7097901	8.417303361	36.08160204	523542303
523542312805	9.121005284	45.12418187	311.3661203	8.588822598	36.2524801	523542303
523542312905	9.017125504	45.20377715	310.9879137	8.547575535	36.38317233	523542303
523542313005	9.085300047	45.32474372	308.9622758	8.469336968	36.48010192	523542303
523542313105	8.984319251	45.33315498	309.6246626	8.388701433	36.90972495	523542303
523542314605	9.126578449	45.25296763	311.4553946	8.574514754	36.3233843	523542303
523542314805	9.154155926	45.37726737	316.4795663	8.599648421	36.80145406	523542303
523542314905	9.118306256	45.39465065	315.3052602	8.623834749	36.56207122	523542303
523542315405	8.974029116	45.1079201	307.7581951	8.456134158	36.39466798	523542303
523542315505	9.103342109	45.21969642	309.4152363	8.526855546	36.28714414	523542304
523542315605	9.067581621	45.0604432	308.6900523	8.528696122	36.19428431	523542303
523542315805	9.132909696	45.32848206	311.2293965	8.530240761	36.48541761	523542304
523542315905	9.089294653	45.15596183	309.3516587	8.484020631	36.46286026	523542304
523542316005	9.051935217	45.19577105	308.4440798	8.483166855	36.35954415	523542304
523542316105	9.10521579	45.39016464	312.2554027	8.58320568	36.37981126	523542304
523542316205	9.080822428	45.30824989	310.1674206	8.449713644	36.70744758	523542304
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523542316405	9.09293032	45.36646259	312.9334794	8.463498174	36.97448419	523542304
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523542318005	9.076469392	45.39035156	311.2090458	8.530841361	36.48046338	523542304
523542318105	9.015833182	45.36075877	309.2939409	8.421635496	36.72611348	523542304
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523612330302	9.038156626	45.37876271	311.1263661	8.522791702	36.50521765	523612302
523612330402	8.932113341	45.3686692	309.0877637	8.46651889	36.50706598	523612302
523612330602	8.999154136	45.3345247	308.7321842	8.488097464	36.37236559	523612302
523612330702	9.005259768	45.32399605	304.4191176	8.356022526	36.43110303	523612302
523612330902	8.998154477	45.37240753	312.899084	8.553744795	36.58036234	523612302
523622303904	8.915247418	45.3036677	308.0654418	8.332277176	36.97253888	523622301
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523622304104	8.928959173	45.31215807	303.2752637	8.296075343	36.55647413	523622301
523622304204	8.930318826	45.34501209	308.2846607	8.349473047	36.92264876	523622301
523622304304	9.024101127	45.37122147	310.0171085	8.364662077	37.06271762	523622301
523622304504	9.021960433	45.31917185	309.2885892	8.474054575	36.49830037	523622301