

# Pre Shipment Inspection Report

(Non-negotiable)

**Inspector:** Meng Sun  
**Inspection location:** Yangzhou City, Jiangsu Province  
**Date of inspection:** Jul. 03, 2023



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## 1. Background information

<b>SGS order No.:</b>	IN-QD-PV-23104-180				
<b>Coordinator:</b>	Young Yang	<b>Telephone:</b>	+86 532 6899 9116		
<b>Description of commodity</b>					
SOLAR PV MODULE-JAM72S30-550/MR					
<b>Buyer</b>					
Garibsons (PVT) LTD C-69/71, 12th Commercial Street, Phase II, Ext, DHA, Karachi-75500 Pakistan					
<b>Seller</b>					
JA Solar New Energy Yangzhou CO.,Ltd. No.1, Jianhua Road, Economic Development Zone, 225000 Yangzhou City, Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA					
<b>P/O No.</b>	JAY-GARI230611012M				
<b>LC NUMBER</b>	N/A				
<b>LC Issue Date</b>	N/A				
<b>Nature of inspection:</b>	<b>Item</b>	<b>Satisfactory</b>	<b>Non conforming</b>	<b>Rejected</b>	<b>Subject to buyer's evaluation</b>
	Quantity check	●			
	Technical document check	●			
	Visual inspection	●			
	Maximum power determination	●			
	Insulation test	●			
	Continuity test of equipotential bonding	●			
	Other items	●			



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## 2. Sample description

General information	
Abbreviations	
STC-Standard test environment	FF- Fill factor
Pmax-Maximum power	Imp-Maximum power current
Voc-Open circuit voltage	Isc-Short circuit current
Vmp- Maximum power voltage	Eff.-Module efficiency
EL-Electroluminescence	/
Determine	
The test condition is not suitable for this test product	N/A (Not applicable)
The test sample meets the requirements	P (Pass)
The test sample does not meet the requirements	F (Fail)

## 3. Instrument

During the inspection, the following instrument calibration status has been checked for inspection:

No.	Name	ID No.	Measuring range	Calibrated (Yes/No/NA)	Certificate NO. (Optional)
1	Tape	JM1-QD4-GJC-001	0~3M	Yes	JM1-QD4-GJC-001

## 4. Quantity check

4.1.Reference documents:PO NO.: JAY-GARI230611012M

4.2.Method of quantity check:Total carton counting.

Order quantity:

No.	Description	REQ. quantity	ACT. quantity	Remark
1	SOLAR PV MODULE JAM72S30-550/MR	3100Pcs	3100Pcs	N/A

### Note:

The result of quantity check was satisfactory.



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## 5. Technical document check :

Factory provided below technical document according to IEC61730-1/-2:2016&IEC61215-1/-2:2016.SGS inspector checked and found acceptable.

File name	Serial number	Date of issue	Validity date
IEC_61215_61730_2016 report	704061604115-44	2020-09-21	N/A
IEC_61215_61730_2016 certificate	Z2 072092 0295 Rev. 29	2020-09-21	2025-09-20
IV Instrument calibration report	GXgf2022-01656	2022-11-02	2023-11-01
Safety Instrument calibration report	GXgf2022-20049	2022-08-30	2023-08-29
BOM	N/A	N/A	N/A

## 6. Visual inspection

6.1. Reference documents:IEC61730-2:2016

6.2. Sample size: ISO 2859-1 at the sample plan of General inspection S-4, Sample size32pcs,AQL 0.According to the requirement, SGS inspector performed visual inspection for the randomly chosen 32pcs of PV modules in a well illuminated area and 60-80cm distance.

Details as Follows:

Items name	Visual inspection
Technical requirement	<p>IEC61730-2:2016 Photovoltaic (PV) module safety qualification –Part 2: Requirements for testing</p> <p>MST 01Visual inspection:</p> <p>Carefully inspect each module under an illumination of not less than 1 000 lux for conditions and observations as defined in IEC 61215-1.:</p> <p>a) broken, cracked, or torn external surfaces;</p> <p>b) bent or misaligned external surfaces, including front sheet, back sheet, frames and junction boxes to the extent that the safety of the PV module would be impaired;</p> <p>c) in cemented joints bubbles or delamination with closest distances to each other <math>\leq</math> 2 times the minimum required distance through cemented joint (see Tables 3 and 4 of IEC 61730-1:2016) shall be evaluated as conductive and electrically connected. The shortest distance from and to such bubbles or delamination through insulation material shall in sum not be shorter than the required minimum distance through cemented joint.</p> <p>d) for adhesive bonds other than in c) bubbles or delamination with closest distances to each other <math>\leq</math> 2 times the minimum required creepage distance (see Tables 3 and 4 of IEC 61730-1:2016) shall be evaluated as conductive and electrically connected. The shortest distance from and to such bubbles or delamination through insulation material shall in sum not be shorter than the required minimum creepage distance.</p>



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	e) loss of mechanical integrity to the extent that the safety of the installation and safe operation of the PV module would be impaired; f) if the mechanical integrity depends on lamination or other means of adhesion, the sum of the area of all bubbles shall not exceed 1 % of the total PV module area; g) evidence of any molten or burned component; h) markings not complying with 5.2 of IEC 61730-1:2016 and the durability of markings test (MST 05) at final inspection; i) edges not complying with MST 06 sharp edge test at final inspection.	
Test time	Jul. 03, 2023	
Sample No.	Visual description	Result
2370108320039551	No major visual defects found	P
2370108320039565	No major visual defects found	P
2370108320042193	No major visual defects found	P
2370108320039590	No major visual defects found	P
2370108320039555	No major visual defects found	P
2370108320039548	No major visual defects found	P
2370108320039614	No major visual defects found	P
2370108320036296	No major visual defects found	P
2370108320042226	No major visual defects found	P
2370108320039594	No major visual defects found	P
2370108320042174	No major visual defects found	P
2370108320037020	No major visual defects found	P
2370108320042216	No major visual defects found	P
2370108320042201	No major visual defects found	P
2370108320042200	No major visual defects found	P
2370108320039550	No major visual defects found	P
2370108320042228	No major visual defects found	P
2370108320039554	No major visual defects found	P
2370108320042163	No major visual defects found	P
2370108320035582	No major visual defects found	P
2370108320035935	No major visual defects found	P
2370108320039714	No major visual defects found	P
2370108320039500	No major visual defects found	P
2370108320039659	No major visual defects found	P
2370108320039526	No major visual defects found	P
2370108320039539	No major visual defects found	P
2370108320039507	No major visual defects found	P
2370108320035944	No major visual defects found	P



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2370108320042184	No major visual defects found	P
2370108320039697	No major visual defects found	P
2370108320035951	No major visual defects found	P
2370108320042160	No major visual defects found	P
Remarks	See annex for visual pictures.	

Defect description	Major
	0
Total Found	0
Maximum allowed	0

**Note:**

Following visual issues found during the inspection subject to client (user decision) due to no specified regulation in SRO604 program.

Other visual found	Quantity
	0
	0
Total Found	0

The result of visual quality check was satisfactory.

## 7. Maximum power determination

7.1 Reference documents: IEC61215-2:2016

7.2. Sample size: ISO 2859-1 at the sample plan of General inspection S-4, Sample size 32pcs, AQL 0.

According to the requirement, SGS inspector performed maximum power determination for the randomly chosen 32pcs of PV modules.

Details as Follows:

Items name	Maximum power determination
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Technical requirement	<p>IEC61215-2:2016 Terrestrial photovoltaic (PV) modules – Design qualification and type approval –Part 2: Test procedures</p> <p>MQT02Maximum power determination:</p> <p>a) A radiant source (natural sunlight or a solar simulator class BBA or better in accordance with IEC 60904-9).</p> <p>b) A PV reference device in accordance with IEC 60904-2. If a class BBA simulator or better is used, the reference device shall be a reference module of the same size with the same cell technology to match spectral responsivity. If such a matched reference device is not available one of the following two options need to be followed:</p> <p>1) a Class AAA simulator shall be utilized, or</p> <p>2) the spectral responsivity of the module according to IEC 60904-8 and the spectral distribution of the solar simulator need to be measured and the module data corrected according to IEC 60904-7.</p> <p>c) A suitable mount for supporting the test specimen and the reference device in a plane normal to the radiant beam.</p> <p>d) Apparatus for measuring an I-V curve in accordance with IEC 60904-1.</p>						
Test time	Jul. 03, 2023						
Sample No.	TEMP (°C)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)	Pmp (W)	FF (%)
2370108320039551	25.20	50.09	13.81	41.71	13.21	550.79	0.80
2370108320039565	25.50	50.01	13.82	41.71	13.20	550.80	0.80
2370108320042193	25.60	50.02	13.83	41.70	13.22	551.06	0.80
2370108320039590	25.50	50.04	13.82	41.71	13.21	551.18	0.80
2370108320039555	25.60	50.02	13.80	41.75	13.18	550.42	0.80
2370108320039548	25.60	49.97	13.81	41.67	13.20	550.28	0.80
2370108320039614	25.60	50.06	13.83	41.73	13.20	550.98	0.80
2370108320036296	25.70	50.11	13.83	41.67	13.20	550.14	0.79
2370108320042226	25.60	50.03	13.78	41.71	13.19	550.28	0.80
2370108320039594	25.60	49.98	13.85	41.60	13.24	550.96	0.80
2370108320042174	25.20	50.03	13.80	41.70	13.22	551.28	0.80
2370108320037020	25.70	50.03	13.84	41.71	13.24	552.38	0.80
2370108320042216	25.50	49.98	13.83	41.67	13.21	550.43	0.80
2370108320042201	25.70	49.95	13.85	41.62	13.22	550.03	0.80
2370108320042200	25.70	50.05	13.81	41.72	13.18	550.07	0.80
2370108320039550	25.60	50.01	13.80	41.68	13.20	550.26	0.80
2370108320042228	25.50	50.01	13.83	41.72	13.23	551.91	0.80
2370108320039554	25.90	50.09	13.85	41.78	13.22	552.40	0.80



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2370108320042163	24.80	50.02	13.80	41.73	13.20	550.96	0.80
2370108320035582	25.30	50.04	13.84	41.68	13.21	550.62	0.80
2370108320035935	25.70	50.07	13.80	41.69	13.20	550.53	0.80
2370108320039714	25.40	50.05	13.81	41.79	13.18	550.95	0.80
2370108320039500	25.60	50.02	13.81	41.69	13.21	550.55	0.80
2370108320039659	25.20	50.10	13.83	41.69	13.20	550.53	0.79
2370108320039526	25.70	50.12	13.84	41.71	13.19	550.05	0.79
2370108320039539	25.70	50.05	13.84	41.67	13.21	550.46	0.79
2370108320039507	25.20	50.11	13.84	41.79	13.20	551.75	0.80
2370108320035944	25.50	49.99	13.83	41.64	13.22	550.72	0.80
2370108320042184	25.30	49.99	13.85	41.67	13.21	550.44	0.79
2370108320039697	25.30	50.06	13.81	41.79	13.19	551.33	0.80
2370108320035951	25.70	50.01	13.83	41.67	13.20	550.13	0.80
2370108320042160	25.50	49.98	13.82	41.64	13.22	550.37	0.80
Remarks	No						

**Note:**

The result of maximum power determination was satisfactory.

**8. Insulation test**

8.1 Reference documents: IEC61215-2:2016

8.2. Sample size: ISO 2859-1 at the sample plan of General inspection S-1, Sample size 5 pcs, AQL 0.

According to the requirement, SGS inspector performed insulation test for the randomly chosen 5 pcs of PV modules.

Details as Follows:

Items name	Insulation test
Technical requirement	<p>IEC61215-2:2016 Terrestrial photovoltaic (PV) modules – Design qualification and type approval –Part 2: Test procedures</p> <p>MQT03 Insulation test:</p> <p>a) No dielectric breakdown or surface tracking during 4.3.4 c).</p> <p>b) For modules with an area of less than 0,1 m<sup>2</sup> the insulation resistance shall not be less than 400 MΩ.</p> <p>c) For modules with an area larger than 0,1 m<sup>2</sup> the measured insulation resistance times the area of the module shall not be less than 40 MΩ·m<sup>2</sup>.</p>



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Test time	Jul. 03, 2023				
Environmental information	TEMP(°C)	24.5	Humidity (%)		40
Sample No.	Withstand voltage		Insulation		Result
	Test voltage (V)	Whether there is breakdown or surface fracture	Test voltage (V)	Resistance value (GΩ)	
2370108320039551	4800	No	1500	10.25GΩ	P
2370108320039565	4800	No	1500	10.10GΩ	P
2370108320042193	4800	No	1500	12.71GΩ	P
2370108320039590	4800	No	1500	24.54GΩ	P
2370108320039555	4800	No	1500	10.64GΩ	P
Remarks	The module area is 2.209m <sup>2</sup> , and the measured resistance shall be $\geq 18.11\text{M}\Omega$				

**Note:**

The result of insulation test was satisfactory.

**9. Continuity test of equipotential bonding**

9.1 Reference documents: IEC61730-2:2016

9.2. Sample size: ISO 2859-1 at the sample plan of General inspection S-1, Sample size 5 pcs, AQL 0.

According to the requirement, SGS inspector performed continuity test of equipotential bonding for the randomly chosen 5 pcs of PV modules.

Details as Follows:

Items name	Continuity test of equipotential bonding
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Technical requirement	<p>IEC61730-2:2016 Photovoltaic (PV) module safety qualification –Part 2: Requirements for testing</p> <p>MST 13 Continuity test of equipotential bonding:</p> <p>The purpose of this test is to verify the continuous path between accessible conductive parts that are in direct contact with each other (e.g. parts of a metallic frame).</p> <p>The procedure is as follows:</p> <p>a) Select the manufacturer's designated point for equipotential bonding and the recommended connection. Attach to one terminal of the constant current supply.</p> <p>b) Select an adjacent (connected) exposed conductive component with the greatest physical displacement from the grounding point and attach to the other terminal of the current supply.</p> <p>c) Attach the voltmeter to the two conductive components attached to the current supply in proximity to the current leads.</p> <p>d) Apply a current 250 % <math>\pm</math> 10 % of the maximum overcurrent protection rating of the PV module for a minimum of 2 min.</p> <p>e) Measure the applied current and the resultant voltage drop.</p> <p>f) Reduce the current to zero.</p> <p>g) Repeat for all other accessible conductive parts.</p> <p>h) Repeat the test for all connection(s), terminal(s), and/or wire(s) included or specified by the manufacturer for grounding the PV module.</p> <p>The resistance between the selected exposed conductive component and every other conductive component of the PV module shall be less than 0,1 <math>\Omega</math>.</p>			
Test time	Jul. 03, 2023			
Environmental information	TEMP (°C)	23.8	Humidity (%)	65
Sample No.	No.	Current (A)	Grounding resistance (m $\Omega$ )	Result
2370108320039551	1	62.5	15m $\Omega$	P
	2	62.5	14m $\Omega$	
	3	62.5	12m $\Omega$	
2370108320039565	1	62.5	14m $\Omega$	P
	2	62.5	16m $\Omega$	
	3	62.5	15m $\Omega$	
2370108320042193	1	62.5	13m $\Omega$	P
	2	62.5	15m $\Omega$	
	3	62.5	16m $\Omega$	
2370108320039590	1	62.5	12m $\Omega$	P
	2	62.5	16m $\Omega$	



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	3	62.5	13mΩ	
2370108320039555	1	62.5	14mΩ	P
	2	62.5	17mΩ	
	3	62.5	14mΩ	
Remarks	No			

**Note:**

The result of continuity test of equipotential bonding was satisfactory.

**10. Other items**

Other items of IEC61215-2:2016 and IEC61730-2:2016 are not witnessed in this inspection, but verified by checking the test report and certificate.

IEC\_61215\_61730\_2016 report No.:704061604115-44

IEC\_61215\_61730\_2016 certificate No.:Z2 072092 0295 Rev. 29

**Note:**

Other items of IEC61215-2:2016 include clauses 4.4 to 4.19;

Other items of IEC61730-2:2016 include clauses 10.3,10.5-10.10,10.12,10.14-10.33.

**11. Product ID for this batch**

PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320039556	2370108320041822	2370108320038871	2370108320038487	2370108320040757
2370108320035440	2370108320041854	2370108320038844	2370108320041110	2370108320040727
2370108320042240	2370108320041857	2370108320038900	2370108320041031	2370108320040716
2370108320042212	2370108320039211	2370108320041556	2370108320041088	2370108320040728
2370108320039541	2370108320041865	2370108320041580	2370108320038499	2370108320040730
2370108320042189	2370108320041966	2370108320041552	2370108320041126	2370108320040703
2370108320039544	2370108320041942	2370108320041581	2370108320041027	2370108320040708
2370108320036838	2370108320039195	2370108320041545	2370108320038491	2370108320040698
2370108320042202	2370108320041945	2370108320038911	2370108320038538	2370108320040715
2370108320042208	2370108320039197	2370108320041561	2370108320041033	2370108320040714
2370108320039579	2370108320041841	2370108320038945	2370108320041102	2370108320040702
2370108320042219	2370108320041858	2370108320041582	2370108320041115	2370108320038023
2370108320042227	2370108320041916	2370108320038886	2370108320041085	2370108320040997



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320042215	2370108320041870	2370108320038902	2370108320041219	2370108320040975
2370108320042199	2370108320039181	2370108320038903	2370108320041109	2370108320040720
2370108320042224	2370108320041900	2370108320038976	2370108320041063	2370108320040709
2370108320039534	2370108320039243	2370108320041539	2370108320041034	2370108320041000
2370108320039622	2370108320039235	2370108320038917	2370108320041278	2370108320040724
2370108320039573	2370108320039287	2370108320041587	2370108320038562	2370108320040745
2370108320039597	2370108320039257	2370108320038880	2370108320041092	2370108320040749
2370108320039547	2370108320039227	2370108320041606	2370108320041097	2370108320040740
2370108320039545	2370108320041823	2370108320038896	2370108320041226	2370108320040731
2370108320035449	2370108320039231	2370108320038947	2370108320038520	2370108320038024
2370108320042220	2370108320041885	2370108320038870	2370108320041108	2370108320040719
2370108320039528	2370108320039241	2370108320041491	2370108320041124	2370108320040718
2370108320039578	2370108320039225	2370108320041542	2370108320041051	2370108320040721
2370108320039557	2370108320039175	2370108320038841	2370108320038687	2370108320040732
2370108320039551	2370108320041867	2370108320041621	2370108320038409	2370108320040996
2370108320042209	2370108320041863	2370108320041548	2370108320038590	2370108320041028
2370108320039536	2370108320039323	2370108320041540	2370108320041139	2370108320040733
2370108320039549	2370108320041874	2370108320041584	2370108320041211	2370108320040701
2370108320035935	2370108320039248	2370108320041530	2370108320041095	2370108320040854
2370108320039714	2370108320039228	2370108320041517	2370108320041114	2370108320038057
2370108320039500	2370108320039306	2370108320041903	2370108320041120	2370108320040738
2370108320039659	2370108320039200	2370108320041534	2370108320041149	2370108320038037
2370108320039526	2370108320039191	2370108320041467	2370108320041082	2370108320035632
2370108320039539	2370108320039259	2370108320038921	2370108320038507	2370108320040723
2370108320039507	2370108320041872	2370108320041533	2370108320041142	2370108320040685
2370108320035944	2370108320041855	2370108320038869	2370108320038484	2370108320040857
2370108320042184	2370108320041894	2370108320038862	2370108320038421	2370108320038050
2370108320039697	2370108320041932	2370108320038901	2370108320041005	2370108320038051
2370108320035951	2370108320041848	2370108320038858	2370108320041096	2370108320040688
2370108320042160	2370108320039262	2370108320041503	2370108320041059	2370108320036875
2370108320039565	2370108320041862	2370108320038809	2370108320041030	2370108320040712
2370108320042193	2370108320041904	2370108320038856	2370108320041089	2370108320038080
2370108320039590	2370108320039232	2370108320038855	2370108320041127	2370108320040711
2370108320039555	2370108320041860	2370108320038930	2370108320041274	2370108320038074
2370108320039548	2370108320041973	2370108320038852	2370108320041145	2370108320040908
2370108320039614	2370108320039234	2370108320038811	2370108320038506	2370108320040694



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320036296	2370108320039196	2370108320041522	2370108320038475	2370108320040865
2370108320042226	2370108320039263	2370108320041498	2370108320038524	2370108320041018
2370108320039594	2370108320041849	2370108320041547	2370108320041133	2370108320040696
2370108320042174	2370108320041933	2370108320041600	2370108320038505	2370108320040656
2370108320037020	2370108320041897	2370108320041526	2370108320038555	2370108320040686
2370108320042216	2370108320041879	2370108320041501	2370108320041093	2370108320040697
2370108320042201	2370108320041884	2370108320041508	2370108320041104	2370108320040707
2370108320042200	2370108320039226	2370108320041464	2370108320041147	2370108320040706
2370108320039550	2370108320041935	2370108320041502	2370108320038504	2370108320038334
2370108320042228	2370108320039239	2370108320041598	2370108320038501	2370108320038038
2370108320039554	2370108320039233	2370108320038892	2370108320041098	2370108320040695
2370108320042163	2370108320039297	2370108320038810	2370108320041121	2370108320040984
2370108320035582	2370108320039237	2370108320041513	2370108320041162	2370108320040689
2370108320039747	2370108320041836	2370108320041492	2370108320038456	2370108320038136
2370108320042210	2370108320041861	2370108320041452	2370108320041032	2370108320038105
2370108320042190	2370108320041837	2370108320038937	2370108320041050	2370108320038323
2370108320042172	2370108320041826	2370108320038848	2370108320038512	2370108320038115
2370108320039744	2370108320039250	2370108320038830	2370108320038449	2370108320038099
2370108320039568	2370108320041853	2370108320038872	2370108320038437	2370108320038106
2370108320042187	2370108320039209	2370108320038881	2370108320038817	2370108320038111
2370108320042194	2370108320041850	2370108320041499	2370108320041054	2370108320038082
2370108320042195	2370108320041852	2370108320038838	2370108320038790	2370108320038003
2370108320039569	2370108320039207	2370108320041504	2370108320041042	2370108320038332
2370108320042181	2370108320039198	2370108320041436	2370108320041048	2370108320038007
2370108320042167	2370108320039166	2370108320041485	2370108320041111	2370108320038062
2370108320042207	2370108320041843	2370108320041521	2370108320038472	2370108320038089
2370108320039520	2370108320039202	2370108320038850	2370108320041023	2370108320038104
2370108320039558	2370108320039210	2370108320038819	2370108320038536	2370108320038066
2370108320039572	2370108320041814	2370108320041447	2370108320041056	2370108320038112
2370108320039564	2370108320039204	2370108320041444	2370108320038454	2370108320038155
2370108320039504	2370108320041817	2370108320038829	2370108320041043	2370108320038107
2370108320042223	2370108320041791	2370108320041497	2370108320041012	2370108320038218
2370108320039515	2370108320039154	2370108320038827	2370108320041132	2370108320038083
2370108320042218	2370108320039170	2370108320038860	2370108320038425	2370108320038093
2370108320042188	2370108320039183	2370108320038859	2370108320038431	2370108320038076
2370108320042178	2370108320041807	2370108320038771	2370108320041017	2370108320038109



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320039525	2370108320039172	2370108320041430	2370108320041144	2370108320038047
2370108320039521	2370108320039217	2370108320041468	2370108320041010	2370108320038091
2370108320039511	2370108320039218	2370108320038885	2370108320041006	2370108320038087
2370108320039571	2370108320041831	2370108320041477	2370108320038461	2370108320038125
2370108320042185	2370108320041828	2370108320041494	2370108320038448	2370108320038092
2370108320039574	2370108320041813	2370108320038853	2370108320041041	2370108320038108
2370108320039531	2370108320039221	2370108320041537	2370108320038523	2370108320038110
2370108320042166	2370108320041856	2370108320041538	2370108320041049	2370108320038096
2370108320039498	2370108320041802	2370108320038846	2370108320041011	2370108320040919
2370108320042191	2370108320039156	2370108320038883	2370108320038365	2370108320040959
2370108320039517	2370108320042020	2370108320041433	2370108320040995	2370108320040773
2370108320042180	2370108320041829	2370108320041487	2370108320038417	2370108320040826
2370108320042169	2370108320041780	2370108320041506	2370108320041035	2370108320040804
2370108320039563	2370108320041773	2370108320041473	2370108320041065	2370108320040640
2370108320039491	2370108320041777	2370108320041432	2370108320039075	2370108320040828
2370108320039513	2370108320039126	2370108320038842	2370108320038399	2370108320040807
2370108320039516	2370108320039161	2370108320041481	2370108320038411	2370108320040691
2370108320039499	2370108320039158	2370108320038865	2370108320038420	2370108320040710
2370108320042173	2370108320039152	2370108320041476	2370108320041015	2370108320038145
2370108320039459	2370108320039216	2370108320041490	2370108320038458	2370108320040772
2370108320042182	2370108320042102	2370108320038820	2370108320041058	2370108320040805
2370108320039505	2370108320042104	2370108320041484	2370108320041016	2370108320040954
2370108320039523	2370108320039127	2370108320038826	2370108320039173	2370108320040903
2370108320042164	2370108320041790	2370108320038814	2370108320040986	2370108320040774
2370108320039582	2370108320041815	2370108320041437	2370108320040976	2370108320041019
2370108320042183	2370108320041827	2370108320038863	2370108320038403	2370108320040953
2370108320039508	2370108320041926	2370108320041496	2370108320041021	2370108320040682
2370108320042168	2370108320039142	2370108320038786	2370108320038416	2370108320040726
2370108320042146	2370108320039138	2370108320041483	2370108320038914	2370108320040798
2370108320039506	2370108320039148	2370108320041479	2370108320038357	2370108320041029
2370108320039501	2370108320041847	2370108320041489	2370108320038410	2370108320040684
2370108320039496	2370108320039132	2370108320041438	2370108320041045	2370108320040781
2370108320042122	2370108320041845	2370108320038948	2370108320038406	2370108320040879
2370108320039509	2370108320039194	2370108320041451	2370108320041037	2370108320041020
2370108320039470	2370108320039205	2370108320038803	2370108320038413	2370108320040663
2370108320042197	2370108320041765	2370108320041446	2370108320038514	2370108320040725



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MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320039524	2370108320039147	2370108320038854	2370108320038460	2370108320040759
2370108320042165	2370108320042114	2370108320041478	2370108320038362	2370108320040768
2370108320042217	2370108320042101	2370108320038788	2370108320038568	2370108320040814
2370108320035820	2370108320039167	2370108320041470	2370108320041290	2370108320038032
2370108320035802	2370108320041967	2370108320038759	2370108320038430	2370108320038043
2370108320035671	2370108320041905	2370108320041414	2370108320040962	2370108320038128
2370108320035664	2370108320041808	2370108320041463	2370108320038516	2370108320038212
2370108320035706	2370108320039240	2370108320038808	2370108320038374	2370108320038040
2370108320035804	2370108320039445	2370108320041397	2370108320041116	2370108320038044
2370108320035798	2370108320041840	2370108320041417	2370108320038445	2370108320038056
2370108320036787	2370108320039224	2370108320041428	2370108320038398	2370108320038029
2370108320036080	2370108320039169	2370108320038866	2370108320038439	2370108320038045
2370108320035854	2370108320039213	2370108320038835	2370108320038796	2370108320038058
2370108320035959	2370108320041839	2370108320038768	2370108320041131	2370108320037961
2370108320035801	2370108320039180	2370108320041380	2370108320040958	2370108320038194
2370108320035859	2370108320041830	2370108320038818	2370108320041295	2370108320037977
2370108320035684	2370108320041846	2370108320038774	2370108320038422	2370108320038001
2370108320035861	2370108320041824	2370108320041411	2370108320038423	2370108320038042
2370108320035736	2370108320039184	2370108320038816	2370108320041129	2370108320038004
2370108320035732	2370108320039176	2370108320041465	2370108320040987	2370108320038010
2370108320035680	2370108320041873	2370108320041619	2370108320038408	2370108320038046
2370108320035845	2370108320041819	2370108320041620	2370108320041123	2370108320038036
2370108320035858	2370108320039244	2370108320041421	2370108320038496	2370108320038189
2370108320035731	2370108320041818	2370108320041401	2370108320041008	2370108320038064
2370108320035881	2370108320041833	2370108320038822	2370108320041101	2370108320038039
2370108320035841	2370108320039188	2370108320038834	2370108320038395	2370108320038027
2370108320035658	2370108320041934	2370108320038833	2370108320041036	2370108320038156
2370108320035666	2370108320041816	2370108320041585	2370108320038441	2370108320038060
2370108320035672	2370108320039189	2370108320038751	2370108320041057	2370108320038035
2370108320035895	2370108320041811	2370108320041475	2370108320038470	2370108320038055
2370108320035956	2370108320039190	2370108320038824	2370108320041047	2370108320038336
2370108320035682	2370108320041864	2370108320038839	2370108320038442	2370108320038048
2370108320035681	2370108320041892	2370108320038767	2370108320041022	2370108320038053
2370108320035729	2370108320041821	2370108320041529	2370108320038479	2370108320037997
2370108320039488	2370108320041835	2370108320041413	2370108320038383	2370108320037937
2370108320039742	2370108320039160	2370108320038836	2370108320037204	2370108320037945



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MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320042137	2370108320041747	2370108320038806	2370108320041061	2370108320037930
2370108320042149	2370108320041761	2370108320038821	2370108320038359	2370108320037935
2370108320042103	2370108320039570	2370108320041472	2370108320041001	2370108320037936
2370108320042152	2370108320041769	2370108320041412	2370108320041060	2370108320037975
2370108320042134	2370108320041809	2370108320038761	2370108320038455	2370108320038012
2370108320039475	2370108320041797	2370108320041455	2370108320038356	2370108320038011
2370108320039495	2370108320041743	2370108320041544	2370108320038352	2370108320037933
2370108320039485	2370108320039164	2370108320038864	2370108320041009	2370108320038017
2370108320039455	2370108320041795	2370108320038781	2370108320041067	2370108320037931
2370108320039514	2370108320039129	2370108320038840	2370108320040978	2370108320037999
2370108320036843	2370108320039141	2370108320041418	2370108320041003	2370108320037996
2370108320042151	2370108320039119	2370108320041426	2370108320040966	2370108320037938
2370108320039489	2370108320039124	2370108320041458	2370108320041004	2370108320038333
2370108320039479	2370108320041792	2370108320038795	2370108320040973	2370108320038013
2370108320042155	2370108320041804	2370108320038805	2370108320037221	2370108320038000
2370108320039490	2370108320041806	2370108320038765	2370108320038513	2370108320038063
2370108320039487	2370108320041796	2370108320041400	2370108320040999	2370108320037974
2370108320039468	2370108320039162	2370108320041420	2370108320040980	2370108320037928
2370108320039458	2370108320041756	2370108320041435	2370108320038497	2370108320038020
2370108320042153	2370108320039140	2370108320041482	2370108320040985	2370108320037998
2370108320039437	2370108320039101	2370108320038823	2370108320040981	2370108320038026
2370108320042204	2370108320039114	2370108320041456	2370108320038360	2370108320037992
2370108320042214	2370108320041798	2370108320041611	2370108320040994	2370108320038068
2370108320042121	2370108320039543	2370108320038831	2370108320038384	2370108320038019
2370108320042141	2370108320041783	2370108320038946	2370108320041069	2370108320037923
2370108320039483	2370108320041749	2370108320038763	2370108320038351	2370108320037927
2370108320042145	2370108320039106	2370108320041507	2370108320038353	2370108320038005
2370108320042132	2370108320041766	2370108320041431	2370108320037223	2370108320037934
2370108320042171	2370108320041812	2370108320041462	2370108320038344	2370108320038335
2370108320042094	2370108320036144	2370108320041347	2370108320040950	2370108320040637
2370108320039503	2370108320037145	2370108320041345	2370108320040960	2370108320038681
2370108320042140	2370108320036211	2370108320038706	2370108320038500	2370108320037963
2370108320042143	2370108320041782	2370108320041454	2370108320038343	2370108320038174
2370108320039486	2370108320036753	2370108320038701	2370108320038346	2370108320037916
2370108320042135	2370108320037261	2370108320038712	2370108320040937	2370108320037922
2370108320042099	2370108320042233	2370108320041384	2370108320040922	2370108320038176



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320042154	2370108320035837	2370108320041391	2370108320038498	2370108320038234
2370108320039440	2370108320035866	2370108320041358	2370108320038292	2370108320038236
2370108320039493	2370108320035819	2370108320038719	2370108320040948	2370108320038159
2370108320039481	2370108320035700	2370108320041351	2370108320040944	2370108320037962
2370108320039469	2370108320036754	2370108320038753	2370108320040938	2370108320038152
2370108320039482	2370108320035636	2370108320041352	2370108320038556	2370108320040574
2370108320039441	2370108320036646	2370108320038726	2370108320040923	2370108320037971
2370108320039473	2370108320036785	2370108320038716	2370108320040949	2370108320038341
2370108320042203	2370108320035474	2370108320041375	2370108320038639	2370108320038244
2370108320042111	2370108320036155	2370108320038715	2370108320040991	2370108320038329
2370108320039566	2370108320035473	2370108320038755	2370108320040942	2370108320037988
2370108320039460	2370108320036710	2370108320041354	2370108320038349	2370108320038638
2370108320039452	2370108320035817	2370108320038724	2370108320040934	2370108320040646
2370108320039585	2370108320035890	2370108320041317	2370108320040957	2370108320037957
2370108320039480	2370108320035584	2370108320041364	2370108320040945	2370108320039041
2370108320042089	2370108320035621	2370108320041374	2370108320040925	2370108320038317
2370108320039451	2370108320036242	2370108320041360	2370108320040947	2370108320037914
2370108320039529	2370108320036810	2370108320038745	2370108320040952	2370108320037951
2370108320042090	2370108320035836	2370108320041385	2370108320040964	2370108320037952
2370108320042139	2370108320035565	2370108320041349	2370108320040905	2370108320037979
2370108320042095	2370108320035775	2370108320038801	2370108320040936	2370108320037950
2370108320039484	2370108320035880	2370108320041395	2370108320040926	2370108320037976
2370108320042128	2370108320035818	2370108320038787	2370108320040961	2370108320038008
2370108320039538	2370108320035753	2370108320038740	2370108320040943	2370108320037911
2370108320039419	2370108320041762	2370108320038799	2370108320038595	2370108320040548
2370108320042087	2370108320041738	2370108320041381	2370108320040913	2370108320040546
2370108320039420	2370108320039117	2370108320038770	2370108320038578	2370108320037873
2370108320039535	2370108320041724	2370108320041388	2370108320040920	2370108320040554
2370108320039450	2370108320041774	2370108320038717	2370108320041024	2370108320040669
2370108320039472	2370108320041719	2370108320041378	2370108320040911	2370108320040530
2370108320039530	2370108320039068	2370108320041362	2370108320040910	2370108320041078
2370108320039439	2370108320041742	2370108320038737	2370108320038583	2370108320040559
2370108320042124	2370108320041734	2370108320041379	2370108320038299	2370108320040539
2370108320039532	2370108320041775	2370108320038832	2370108320038298	2370108320040572
2370108320039415	2370108320041771	2370108320041355	2370108320040917	2370108320040540
2370108320042144	2370108320039497	2370108320041409	2370108320038295	2370108320040599



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320039586	2370108320039061	2370108320038766	2370108320038339	2370108320040577
2370108320042115	2370108320039097	2370108320038757	2370108320040929	2370108320040603
2370108320042133	2370108320041707	2370108320038843	2370108320038634	2370108320040595
2370108320042092	2370108320041704	2370108320038777	2370108320040921	2370108320040641
2370108320039457	2370108320039060	2370108320041415	2370108320040927	2370108320040585
2370108320039471	2370108320039163	2370108320038760	2370108320038340	2370108320040536
2370108320042085	2370108320041744	2370108320041363	2370108320038296	2370108320040538
2370108320039466	2370108320039093	2370108320041440	2370108320040914	2370108320041175
2370108320042196	2370108320041760	2370108320038728	2370108320040932	2370108320040591
2370108320039587	2370108320041736	2370108320038729	2370108320040915	2370108320037874
2370108320042067	2370108320039058	2370108320041394	2370108320040930	2370108320040598
2370108320042150	2370108320041753	2370108320038776	2370108320038303	2370108320041106
2370108320042186	2370108320041721	2370108320038807	2370108320038345	2370108320040569
2370108320042109	2370108320041770	2370108320038752	2370108320040918	2370108320040584
2370108320042105	2370108320039144	2370108320041427	2370108320038350	2370108320037871
2370108320039434	2370108320039096	2370108320041387	2370108320040907	2370108320040693
2370108320042120	2370108320041794	2370108320038845	2370108320038331	2370108320037869
2370108320042116	2370108320039123	2370108320038779	2370108320038400	2370108320040645
2370108320039518	2370108320039095	2370108320041423	2370108320038375	2370108320040583
2370108320035830	2370108320041737	2370108320041448	2370108320038330	2370108320037984
2370108320035701	2370108320039094	2370108320041408	2370108320038265	2370108320038151
2370108320035698	2370108320039110	2370108320041410	2370108320040899	2370108320038041
2370108320035918	2370108320039130	2370108320038775	2370108320038287	2370108320037885
2370108320035762	2370108320039102	2370108320041376	2370108320040897	2370108320038097
2370108320036780	2370108320041748	2370108320038782	2370108320038273	2370108320038071
2370108320035694	2370108320041745	2370108320041403	2370108320037949	2370108320037867
2370108320035840	2370108320041750	2370108320038815	2370108320038313	2370108320037897
2370108320035728	2370108320039134	2370108320041439	2370108320037958	2370108320037856
2370108320035659	2370108320039104	2370108320041405	2370108320038284	2370108320037884
2370108320035829	2370108320041751	2370108320041596	2370108320038252	2370108320037948
2370108320035834	2370108320041778	2370108320038741	2370108320038123	2370108320037970
2370108320035816	2370108320041739	2370108320041519	2370108320038072	2370108320038059
2370108320035747	2370108320041810	2370108320041416	2370108320038444	2370108320037912
2370108320036758	2370108320041799	2370108320038754	2370108320037943	2370108320037987
2370108320035758	2370108320041800	2370108320041399	2370108320040875	2370108320037940
2370108320035754	2370108320039118	2370108320038762	2370108320038290	2370108320038242



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320035653	2370108320039193	2370108320041429	2370108320040990	2370108320037947
2370108320035660	2370108320039112	2370108320038780	2370108320038081	2370108320037865
2370108320035769	2370108320039145	2370108320038750	2370108320038094	2370108320037887
2370108320035767	2370108320039092	2370108320041419	2370108320040872	2370108320037981
2370108320035752	2370108320041746	2370108320038784	2370108320038297	2370108320038219
2370108320035812	2370108320039105	2370108320038743	2370108320038090	2370108320037925
2370108320035667	2370108320041759	2370108320041578	2370108320038300	2370108320037877
2370108320035761	2370108320039120	2370108320041425	2370108320040928	2370108320037855
2370108320035691	2370108320039098	2370108320041367	2370108320040884	2370108320037980
2370108320035759	2370108320041768	2370108320038734	2370108320037960	2370108320037881
2370108320035865	2370108320041741	2370108320041382	2370108320038031	2370108320037955
2370108320035668	2370108320041755	2370108320041404	2370108320040902	2370108320037851
2370108320035662	2370108320039133	2370108320038758	2370108320040878	2370108320038073
2370108320035821	2370108320039113	2370108320041422	2370108320038095	2370108320037939
2370108320042070	2370108320039087	2370108320038733	2370108320038304	2370108320040582
2370108320039461	2370108320041691	2370108320041406	2370108320038404	2370108320040525
2370108320042066	2370108320039223	2370108320041337	2370108320038459	2370108320040509
2370108320042072	2370108320042004	2370108320038742	2370108320038426	2370108320040502
2370108320039464	2370108320039048	2370108320041365	2370108320038888	2370108320037849
2370108320042126	2370108320039121	2370108320041368	2370108320041068	2370108320040522
2370108320042056	2370108320039067	2370108320038725	2370108320040886	2370108320040514
2370108320042159	2370108320039107	2370108320041398	2370108320040988	2370108320040498
2370108320042084	2370108320042001	2370108320041459	2370108320038117	2370108320040481
2370108320042179	2370108320041871	2370108320038727	2370108320040885	2370108320037823
2370108320042055	2370108320039100	2370108320041637	2370108320038402	2370108320040513
2370108320039465	2370108320039076	2370108320041348	2370108320041511	2370108320037826
2370108320039424	2370108320039090	2370108320038721	2370108320041025	2370108320040518
2370108320039414	2370108320041803	2370108320038746	2370108320038397	2370108320040508
2370108320039462	2370108320039057	2370108320041356	2370108320038358	2370108320040537
2370108320042113	2370108320039089	2370108320038802	2370108320038077	2370108320040560
2370108320042064	2370108320039064	2370108320041342	2370108320038392	2370108320040507
2370108320039467	2370108320041698	2370108320038723	2370108320035958	2370108320040654
2370108320042117	2370108320039070	2370108320041361	2370108320040888	2370108320037830
2370108320042177	2370108320041702	2370108320038718	2370108320040916	2370108320040547
2370108320039405	2370108320042255	2370108320041605	2370108320038342	2370108320040512
2370108320042088	2370108320039206	2370108320041377	2370108320040941	2370108320040510



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MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320042119	2370108320039199	2370108320041350	2370108320038283	2370108320040520
2370108320039456	2370108320041752	2370108320041357	2370108320038285	2370108320040506
2370108320042112	2370108320039088	2370108320038744	2370108320041002	2370108320037850
2370108320042110	2370108320041786	2370108320041318	2370108320041053	2370108320040553
2370108320042205	2370108320039108	2370108320038867	2370108320040883	2370108320040517
2370108320039428	2370108320039072	2370108320038804	2370108320038293	2370108320040551
2370108320042123	2370108320039078	2370108320038756	2370108320040965	2370108320040474
2370108320039417	2370108320041732	2370108320041424	2370108320041073	2370108320040515
2370108320039412	2370108320041997	2370108320041328	2370108320040896	2370108320040533
2370108320042017	2370108320039074	2370108320038661	2370108320038276	2370108320037902
2370108320042106	2370108320041730	2370108320041338	2370108320038246	2370108320037862
2370108320039361	2370108320039080	2370108320038748	2370108320038247	2370108320037886
2370108320042118	2370108320036803	2370108320038711	2370108320038314	2370108320037827
2370108320042041	2370108320041701	2370108320038669	2370108320038243	2370108320037880
2370108320039379	2370108320039065	2370108320038736	2370108320038291	2370108320037815
2370108320039519	2370108320039084	2370108320038694	2370108320038248	2370108320037818
2370108320039381	2370108320039083	2370108320038675	2370108320038253	2370108320038018
2370108320039442	2370108320041716	2370108320041323	2370108320038256	2370108320037870
2370108320042044	2370108320041687	2370108320041324	2370108320038245	2370108320037872
2370108320039382	2370108320042013	2370108320041304	2370108320038311	2370108320037966
2370108320039353	2370108320041713	2370108320041296	2370108320038268	2370108320037969
2370108320042018	2370108320039125	2370108320041327	2370108320038211	2370108320037878
2370108320039341	2370108320041789	2370108320039003	2370108320038213	2370108320037825
2370108320042027	2370108320041692	2370108320041330	2370108320038223	2370108320037828
2370108320039446	2370108320041788	2370108320041298	2370108320038305	2370108320037839
2370108320042082	2370108320039063	2370108320041331	2370108320038231	2370108320038034
2370108320039400	2370108320039091	2370108320041443	2370108320038326	2370108320037895
2370108320039374	2370108320041693	2370108320038735	2370108320038254	2370108320037967
2370108320042034	2370108320041895	2370108320038699	2370108320038308	2370108320037864
2370108320042048	2370108320039079	2370108320038713	2370108320038221	2370108320037845
2370108320039476	2370108320041728	2370108320038695	2370108320038226	2370108320037819
2370108320039477	2370108320039046	2370108320039002	2370108320038220	2370108320037824
2370108320042071	2370108320039025	2370108320038676	2370108320038309	2370108320037816
2370108320039592	2370108320035928	2370108320038738	2370108320038249	2370108320037972
2370108320042100	2370108320041733	2370108320038698	2370108320038259	2370108320037810
2370108320039370	2370108320039086	2370108320041333	2370108320038255	2370108320037879



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320042061	2370108320041784	2370108320038677	2370108320038228	2370108320037822
2370108320039315	2370108320041675	2370108320041306	2370108320038271	2370108320037968
2370108320039373	2370108320041763	2370108320041353	2370108320038310	2370108320037893
2370108320042047	2370108320039109	2370108320041305	2370108320038307	2370108320037831
2370108320042053	2370108320039015	2370108320038705	2370108320038306	2370108320038049
2370108320039409	2370108320041666	2370108320041339	2370108320038286	2370108320041086
2370108320042107	2370108320039007	2370108320041334	2370108320040904	2370108320040659
2370108320039552	2370108320041673	2370108320038709	2370108320040895	2370108320040679
2370108320042079	2370108320041622	2370108320041320	2370108320037944	2370108320040668
2370108320039413	2370108320039034	2370108320041332	2370108320040894	2370108320040662
2370108320042080	2370108320041694	2370108320041336	2370108320040882	2370108320041207
2370108320042086	2370108320041660	2370108320038710	2370108320038100	2370108320040544
2370108320039435	2370108320035914	2370108320038714	2370108320038432	2370108320040550
2370108320042097	2370108320039023	2370108320038708	2370108320040876	2370108320040832
2370108320042162	2370108320041709	2370108320038704	2370108320038302	2370108320040587
2370108320035923	2370108320041655	2370108320041369	2370108320040858	2370108320040542
2370108320039443	2370108320041684	2370108320038659	2370108320038103	2370108320040626
2370108320042060	2370108320039027	2370108320041407	2370108320040881	2370108320040667
2370108320039401	2370108320041672	2370108320041341	2370108320038325	2370108320040674
2370108320042062	2370108320038997	2370108320038665	2370108320040898	2370108320040573
2370108320039542	2370108320036814	2370108320038707	2370108320037932	2370108320040552
2370108320039474	2370108320036299	2370108320041546	2370108320040891	2370108320040784
2370108320042096	2370108320041729	2370108320041373	2370108320038327	2370108320040592
2370108320036797	2370108320039005	2370108320038747	2370108320038576	2370108320040909
2370108320039425	2370108320036069	2370108320038697	2370108320040860	2370108320040771
2370108320036789	2370108320039029	2370108320038693	2370108320038354	2370108320040608
2370108320039406	2370108320041607	2370108320038732	2370108320040880	2370108320040676
2370108320039588	2370108320041668	2370108320041343	2370108320040887	2370108320040778
2370108320042077	2370108320035994	2370108320041325	2370108320040890	2370108320040633
2370108320039430	2370108320041667	2370108320041280	2370108320040940	2370108320040644
2370108320039438	2370108320039155	2370108320038703	2370108320040906	2370108320040600
2370108320042098	2370108320036808	2370108320041326	2370108320040877	2370108320040690
2370108320039448	2370108320039049	2370108320041461	2370108320040874	2370108320040931
2370108320042059	2370108320039026	2370108320041329	2370108320040893	2370108320040837
2370108320039426	2370108320041670	2370108320038730	2370108320040971	2370108320040831
2370108320042158	2370108320041715	2370108320041445	2370108320040834	2370108320040503



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320039408	2370108320039115	2370108320038651	2370108320040861	2370108320037812
2370108320039416	2370108320039047	2370108320038837	2370108320041919	2370108320040523
2370108320042049	2370108320041676	2370108320041390	2370108320042083	2370108320040455
2370108320039372	2370108320041686	2370108320041294	2370108320037942	2370108320040460
2370108320042035	2370108320039055	2370108320041273	2370108320040825	2370108320040468
2370108320039385	2370108320039031	2370108320041457	2370108320040868	2370108320040442
2370108320039423	2370108320041677	2370108320039036	2370108320039584	2370108320040524
2370108320042065	2370108320041772	2370108320038657	2370108320040821	2370108320040499
2370108320039387	2370108320041711	2370108320038680	2370108320039350	2370108320040450
2370108320042023	2370108320039059	2370108320041322	2370108320039077	2370108320040444
2370108320039399	2370108320041706	2370108320041402	2370108320040873	2370108320040484
2370108320042157	2370108320039062	2370108320041488	2370108320041921	2370108320040532
2370108320042156	2370108320041703	2370108320038678	2370108320040835	2370108320040472
2370108320042038	2370108320039116	2370108320038696	2370108320040812	2370108320040451
2370108320039383	2370108320041695	2370108320038700	2370108320038407	2370108320040466
2370108320039371	2370108320039071	2370108320041474	2370108320042025	2370108320040456
2370108320042033	2370108320041718	2370108320038672	2370108320038418	2370108320040493
2370108320042031	2370108320039037	2370108320038656	2370108320040840	2370108320040490
2370108320039390	2370108320041682	2370108320041389	2370108320042058	2370108320037807
2370108320039376	2370108320041678	2370108320038662	2370108320041996	2370108320040471
2370108320039380	2370108320039030	2370108320038671	2370108320040811	2370108320040469
2370108320039478	2370108320041674	2370108320041636	2370108320040892	2370108320040521
2370108320042069	2370108320039054	2370108320041309	2370108320038199	2370108320040463
2370108320039366	2370108320039122	2370108320039013	2370108320041907	2370108320040496
2370108320042043	2370108320039008	2370108320038702	2370108320039567	2370108320040485
2370108320041980	2370108320041681	2370108320041292	2370108320039053	2370108320040470
2370108320042076	2370108320041699	2370108320038652	2370108320038215	2370108320040616
2370108320042032	2370108320041679	2370108320041392	2370108320039214	2370108320040473
2370108320039377	2370108320039069	2370108320038684	2370108320041911	2370108320037946
2370108320039418	2370108320041726	2370108320041284	2370108320039275	2370108320040529
2370108320042198	2370108320039001	2370108320038686	2370108320040823	2370108320037786
2370108320042054	2370108320041712	2370108320038611	2370108320040808	2370108320040449
2370108320041947	2370108320041669	2370108320041300	2370108320040848	2370108320038061
2370108320042175	2370108320041697	2370108320038670	2370108320040989	2370108320040429
2370108320039354	2370108320041648	2370108320041259	2370108320040867	2370108320040446
2370108320042008	2370108320041654	2370108320041299	2370108320040847	2370108320040497



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320041959	2370108320041700	2370108320041287	2370108320040856	2370108320040501
2370108320039332	2370108320039006	2370108320038626	2370108320040871	2370108320040435
2370108320042009	2370108320041717	2370108320038692	2370108320040859	2370108320040465
2370108320042015	2370108320038961	2370108320038660	2370108320040924	2370108320040380
2370108320042078	2370108320041652	2370108320041245	2370108320040900	2370108320040479
2370108320042063	2370108320041714	2370108320039012	2370108320038206	2370108320040386
2370108320041965	2370108320041647	2370108320038663	2370108320040833	2370108320040431
2370108320042075	2370108320041685	2370108320041297	2370108320040845	2370108320040432
2370108320042000	2370108320039010	2370108320038620	2370108320040851	2370108320040434
2370108320039334	2370108320041710	2370108320038664	2370108320038200	2370108320040462
2370108320039351	2370108320039024	2370108320041372	2370108320040855	2370108320040433
2370108320042003	2370108320041690	2370108320041450	2370108320040813	2370108320040448
2370108320039392	2370108320039033	2370108320038749	2370108320040824	2370108320040487
2370108320039310	2370108320041680	2370108320038685	2370108320040901	2370108320040445
2370108320039364	2370108320041683	2370108320041319	2370108320040846	2370108320040421
2370108320041952	2370108320041662	2370108320038655	2370108320040889	2370108320040425
2370108320042030	2370108320041671	2370108320041286	2370108320040869	2370108320040457
2370108320041950	2370108320039021	2370108320041371	2370108320041007	2370108320040447
2370108320041984	2370108320041727	2370108320039042	2370108320040843	2370108320040423
2370108320039313	2370108320039137	2370108320041285	2370108320040866	2370108320040430
2370108320042029	2370108320039032	2370108320038720	2370108320038363	2370108320037789
2370108320041955	2370108320041664	2370108320041383	2370108320040852	2370108320040459
2370108320039404	2370108320039022	2370108320039044	2370108320040816	2370108320040438
2370108320039433	2370108320041642	2370108320038688	2370108320040809	2370108320040439
2370108320039322	2370108320041657	2370108320038689	2370108320040810	2370108320037781
2370108320041988	2370108320039016	2370108320038596	2370108320038222	2370108320037745
2370108320039453	2370108320038981	2370108320038637	2370108320038179	2370108320037836
2370108320039356	2370108320041651	2370108320038772	2370108320038321	2370108320037847
2370108320042042	2370108320041640	2370108320038602	2370108320038294	2370108320037863
2370108320042045	2370108320041627	2370108320041203	2370108320038238	2370108320037854
2370108320039342	2370108320041629	2370108320038641	2370108320038261	2370108320037838
2370108320039494	2370108320039009	2370108320038690	2370108320038239	2370108320037844
2370108320042016	2370108320041646	2370108320038691	2370108320038237	2370108320037768
2370108320039396	2370108320041632	2370108320038667	2370108320038177	2370108320037753
2370108320039359	2370108320041665	2370108320041265	2370108320038289	2370108320037909
2370108320039431	2370108320038963	2370108320038683	2370108320038227	2370108320037796



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MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320042036	2370108320041579	2370108320041288	2370108320038184	2370108320038337
2370108320042052	2370108320038983	2370108320038608	2370108320038182	2370108320037868
2370108320039384	2370108320038935	2370108320038643	2370108320038241	2370108320037755
2370108320041998	2370108320041649	2370108320041254	2370108320038197	2370108320037780
2370108320042011	2370108320041568	2370108320038648	2370108320038170	2370108320037834
2370108320042040	2370108320039019	2370108320041270	2370108320038319	2370108320038009
2370108320039429	2370108320039159	2370108320041272	2370108320038318	2370108320037889
2370108320039328	2370108320038978	2370108320038599	2370108320038175	2370108320037759
2370108320042046	2370108320041635	2370108320038650	2370108320038224	2370108320037766
2370108320039398	2370108320038969	2370108320041234	2370108320038250	2370108320037808
2370108320039403	2370108320041630	2370108320041267	2370108320038232	2370108320037770
2370108320042012	2370108320038968	2370108320041253	2370108320038193	2370108320037866
2370108320039360	2370108320041615	2370108320038567	2370108320038328	2370108320037841
2370108320042170	2370108320038972	2370108320041256	2370108320038235	2370108320038025
2370108320039447	2370108320041576	2370108320041251	2370108320038316	2370108320037846
2370108320042081	2370108320041628	2370108320038654	2370108320038198	2370108320037737
2370108320039355	2370108320039018	2370108320038644	2370108320038187	2370108320037891
2370108320042026	2370108320038999	2370108320038674	2370108320038251	2370108320037809
2370108320042206	2370108320039040	2370108320041276	2370108320038315	2370108320038016
2370108320039345	2370108320041661	2370108320041230	2370108320038225	2370108320037852
2370108320039309	2370108320038974	2370108320038673	2370108320040800	2370108320040416
2370108320041941	2370108320041571	2370108320038571	2370108320036249	2370108320040395
2370108320041930	2370108320038922	2370108320041257	2370108320039245	2370108320037752
2370108320041968	2370108320039168	2370108320041236	2370108320040788	2370108320040413
2370108320041961	2370108320038941	2370108320038633	2370108320040803	2370108320040437
2370108320039331	2370108320041723	2370108320041212	2370108320040836	2370108320040418
2370108320039281	2370108320038920	2370108320041275	2370108320040849	2370108320040427
2370108320039312	2370108320041590	2370108320038604	2370108320040827	2370108320040452
2370108320041982	2370108320041999	2370108320041612	2370108320040796	2370108320040392
2370108320041970	2370108320038939	2370108320041249	2370108320035657	2370108320040393
2370108320041975	2370108320041689	2370108320038607	2370108320040818	2370108320040436
2370108320041923	2370108320038954	2370108320038560	2370108320038320	2370108320040403
2370108320039292	2370108320041722	2370108320041250	2370108320036125	2370108320040394
2370108320041989	2370108320038942	2370108320041393	2370108320038989	2370108320040399
2370108320041991	2370108320038965	2370108320041243	2370108320035717	2370108320040411
2370108320039327	2370108320041573	2370108320038624	2370108320040870	2370108320040353



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320041962	2370108320038907	2370108320038625	2370108320040790	2370108320040415
2370108320039307	2370108320038938	2370108320038563	2370108320040817	2370108320040404
2370108320039272	2370108320041625	2370108320038619	2370108320037053	2370108320040420
2370108320039318	2370108320038950	2370108320038668	2370108320040802	2370108320040372
2370108320041977	2370108320041731	2370108320041258	2370108320040819	2370108320040378
2370108320041992	2370108320041623	2370108320041239	2370108320040791	2370108320040374
2370108320041953	2370108320038980	2370108320041536	2370108320039317	2370108320040397
2370108320039346	2370108320038960	2370108320041213	2370108320037021	2370108320040401
2370108320039286	2370108320036812	2370108320038616	2370108320040787	2370108320040402
2370108320041981	2370108320041589	2370108320039014	2370108320040853	2370108320040369
2370108320041986	2370108320041557	2370108320038679	2370108320040863	2370108320040409
2370108320039280	2370108320038949	2370108320038603	2370108320041705	2370108320040410
2370108320039279	2370108320038940	2370108320041252	2370108320040841	2370108320040360
2370108320042127	2370108320041559	2370108320038565	2370108320040820	2370108320040407
2370108320039411	2370108320038982	2370108320038606	2370108320037150	2370108320040424
2370108320039271	2370108320041639	2370108320041190	2370108320040783	2370108320040543
2370108320039326	2370108320038970	2370108320038778	2370108320037160	2370108320040389
2370108320041949	2370108320039020	2370108320038614	2370108320036722	2370108320040412
2370108320041976	2370108320038966	2370108320041525	2370108320040761	2370108320040370
2370108320041979	2370108320038943	2370108320041279	2370108320035633	2370108320040361
2370108320041960	2370108320038996	2370108320041187	2370108320035805	2370108320040381
2370108320042236	2370108320039149	2370108320041282	2370108320035712	2370108320040555
2370108320039336	2370108320041588	2370108320041225	2370108320036593	2370108320040368
2370108320041993	2370108320039039	2370108320038632	2370108320040786	2370108320040365
2370108320041958	2370108320038991	2370108320041214	2370108320039082	2370108320040400
2370108320039314	2370108320039028	2370108320038666	2370108320041995	2370108320040333
2370108320042073	2370108320038998	2370108320041231	2370108320040806	2370108320040337
2370108320039311	2370108320041653	2370108320038617	2370108320042019	2370108320040344
2370108320042005	2370108320039011	2370108320038582	2370108320040968	2370108320040323
2370108320041978	2370108320041725	2370108320038584	2370108320040789	2370108320040398
2370108320042021	2370108320039128	2370108320038529	2370108320035808	2370108320040371
2370108320039321	2370108320041656	2370108320038600	2370108320040792	2370108320040458
2370108320039454	2370108320041779	2370108320041220	2370108320040756	2370108320040375
2370108320042129	2370108320041586	2370108320038579	2370108320035647	2370108320040382
2370108320042136	2370108320041591	2370108320041495	2370108320035646	2370108320040364
2370108320042138	2370108320041592	2370108320038588	2370108320040842	2370108320040321



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320041956	2370108320039143	2370108320038589	2370108320039293	2370108320040363
2370108320039395	2370108320041634	2370108320041224	2370108320040799	2370108320040383
2370108320042176	2370108320041608	2370108320038531	2370108320040770	2370108320040377
2370108320041990	2370108320041624	2370108320041609	2370108320040795	2370108320040405
2370108320042024	2370108320041631	2370108320041177	2370108320036746	2370108320040367
2370108320041974	2370108320041644	2370108320041223	2370108320036181	2370108320040340
2370108320039316	2370108320041603	2370108320041181	2370108320036761	2370108320040390
2370108320039389	2370108320041643	2370108320038581	2370108320040785	2370108320040362
2370108320039305	2370108320038934	2370108320041221	2370108320040758	2370108320040376
2370108320039391	2370108320041645	2370108320038629	2370108320039136	2370108320040441
2370108320039303	2370108320038955	2370108320041159	2370108320038207	2370108320040581
2370108320041908	2370108320038894	2370108320041202	2370108320038157	2370108320039085
2370108320039289	2370108320041593	2370108320038561	2370108320038181	2370108320037898
2370108320039247	2370108320042010	2370108320038612	2370108320038164	2370108320038649
2370108320039278	2370108320041875	2370108320041215	2370108320038196	2370108320038731
2370108320041924	2370108320041577	2370108320038547	2370108320038139	2370108320040483
2370108320041946	2370108320041566	2370108320038585	2370108320038142	2370108320040635
2370108320041944	2370108320041595	2370108320041146	2370108320038204	2370108320037903
2370108320041951	2370108320041613	2370108320038591	2370108320038214	2370108320040482
2370108320039274	2370108320038923	2370108320038618	2370108320038312	2370108320040476
2370108320039282	2370108320041583	2370108320041157	2370108320038190	2370108320037973
2370108320041898	2370108320038910	2370108320038630	2370108320038262	2370108320040692
2370108320041918	2370108320038973	2370108320041191	2370108320038186	2370108320039099
2370108320039266	2370108320038909	2370108320038574	2370108320038166	2370108320040607
2370108320041902	2370108320041563	2370108320038540	2370108320038203	2370108320040461
2370108320041890	2370108320038927	2370108320038554	2370108320038322	2370108320038769
2370108320041893	2370108320041602	2370108320041184	2370108320038216	2370108320040956
2370108320041912	2370108320041560	2370108320038564	2370108320038132	2370108320037995
2370108320039300	2370108320038975	2370108320041196	2370108320038169	2370108320038052
2370108320041938	2370108320038926	2370108320038609	2370108320038185	2370108320040531
2370108320039251	2370108320038931	2370108320041216	2370108320038144	2370108320040486
2370108320041922	2370108320038956	2370108320038573	2370108320038162	2370108320038348
2370108320041920	2370108320041562	2370108320041200	2370108320038230	2370108320041442
2370108320041910	2370108320038959	2370108320041195	2370108320038208	2370108320040974
2370108320041943	2370108320041720	2370108320041197	2370108320038183	2370108320039051
2370108320041928	2370108320038944	2370108320041199	2370108320038180	2370108320040639



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320041909	2370108320038953	2370108320041192	2370108320038202	2370108320037993
2370108320042074	2370108320038912	2370108320038622	2370108320038210	2370108320040993
2370108320041896	2370108320038971	2370108320038557	2370108320038192	2370108320038355
2370108320041913	2370108320038958	2370108320038551	2370108320038217	2370108320040631
2370108320041899	2370108320038957	2370108320038549	2370108320038209	2370108320039103
2370108320039277	2370108320038929	2370108320038493	2370108320040752	2370108320040348
2370108320041940	2370108320035906	2370108320038592	2370108320040722	2370108320040355
2370108320039269	2370108320041572	2370108320041154	2370108320040717	2370108320040343
2370108320039308	2370108320035901	2370108320038593	2370108320040746	2370108320040351
2370108320041939	2370108320038913	2370108320038510	2370108320040762	2370108320040310
2370108320041969	2370108320041541	2370108320038542	2370108320040748	2370108320040270
2370108320039291	2370108320041565	2370108320038544	2370108320040794	2370108320040349
2370108320041964	2370108320038882	2370108320038488	2370108320040760	2370108320040302
2370108320039319	2370108320039157	2370108320041193	2370108320040779	2370108320040247
2370108320039295	2370108320038904	2370108320041107	2370108320040713	2370108320040277
2370108320039369	2370108320041516	2370108320038476	2370108320040754	2370108320040345
2370108320039290	2370108320041554	2370108320038525	2370108320040737	2370108320040341
2370108320039288	2370108320041551	2370108320041161	2370108320040741	2370108320040346
2370108320041917	2370108320041555	2370108320038503	2370108320037037	2370108320040347
2370108320041954	2370108320038936	2370108320038586	2370108320040742	2370108320040354
2370108320042006	2370108320041514	2370108320041128	2370108320040747	2370108320037700
2370108320041948	2370108320038925	2370108320041140	2370108320040764	2370108320040281
2370108320041929	2370108320041617	2370108320041118	2370108320040734	2370108320040491
2370108320042147	2370108320038895	2370108320038509	2370108320040750	2370108320040428
2370108320041963	2370108320037067	2370108320038489	2370108320035903	2370108320040253
2370108320039562	2370108320038879	2370108320041188	2370108320040751	2370108320040249
2370108320039320	2370108320041558	2370108320038552	2370108320040780	2370108320040269
2370108320041957	2370108320041549	2370108320038800	2370108320036032	2370108320040489
2370108320041972	2370108320041569	2370108320038631	2370108320036977	2370108320040350
2370108320039260	2370108320041570	2370108320038575	2370108320040735	2370108320040359
2370108320041937	2370108320041575	2370108320041138	2370108320040983	2370108320037695
2370108320039270	2370108320038952	2370108320038598	2370108320040753	2370108320037707
2370108320042007	2370108320038951	2370108320038572	2370108320040739	2370108320040358
2370108320039304	2370108320038905	2370108320041169	2370108320040743	2370108320040250
2370108320035930	2370108320041574	2370108320038577	2370108320040769	2370108320040261
2370108320039267	2370108320038928	2370108320038653	2370108320040744	2370108320040262



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PV module model		JAM72S30-550/MR		
MODULE ID	MODULE ID	MODULE ID	MODULE ID	MODULE ID
2370108320039230	2370108320041510	2370108320041206	2370108320038101	2370108320037654
2370108320041868	2370108320041604	2370108320038519	2370108320038124	2370108320040322
2370108320039229	2370108320038812	2370108320038553	2370108320038171	2370108320040316
2370108320041886	2370108320041471	2370108320041183	2370108320038154	2370108320037986
2370108320041876	2370108320038977	2370108320038635	2370108320038153	2370108320037990
2370108320041931	2370108320039081	2370108320038474	2370108320038149	2370108320037667
2370108320041888	2370108320041610	2370108320038550	2370108320038121	2370108320037915
2370108320039246	2370108320038813	2370108320038722	2370108320038102	2370108320037929
2370108320039273	2370108320041618	2370108320038522	2370108320038119	2370108320037657
2370108320041882	2370108320041638	2370108320038530	2370108320038140	2370108320038274
2370108320041851	2370108320038891	2370108320041176	2370108320038118	2370108320037639
2370108320039285	2370108320041708	2370108320041335	2370108320038148	2370108320040335
2370108320039220	2370108320038884	2370108320038559	2370108320038114	2370108320037655
2370108320039253	2370108320041543	2370108320038526	2370108320038168	2370108320037642
2370108320041859	2370108320041597	2370108320041171	2370108320038167	2370108320037921
2370108320041889	2370108320038847	2370108320038492	2370108320038160	2370108320040314
2370108320039268	2370108320038906	2370108320041160	2370108320038172	2370108320037926
2370108320041881	2370108320038962	2370108320041262	2370108320038137	2370108320038278
2370108320041936	2370108320039073	2370108320041151	2370108320038127	2370108320037924
2370108320041914	2370108320041535	2370108320041141	2370108320038122	2370108320037676
2370108320041878	2370108320041500	2370108320038548	2370108320038147	2370108320037913
2370108320041880	2370108320039052	2370108320038477	2370108320038133	2370108320037645
2370108320041869	2370108320041520	2370108320041136	2370108320038129	2370108320040306
2370108320041927	2370108320041527	2370108320041210	2370108320038138	2370108320037910
2370108320039261	2370108320038890	2370108320038546	2370108320038165	2370108320037917
2370108320039276	2370108320038861	2370108320041209	2370108320038130	2370108320037649
2370108320041906	2370108320041486	2370108320041205	2370108320038116	2370108320037964
2370108320041877	2370108320038889	2370108320041152	2370108320038134	2370108320037908
2370108320041971	2370108320038915	2370108320038545	2370108320038188	2370108320040317
2370108320041883	2370108320038964	2370108320041165	2370108320038173	2370108320037959
2370108320041891	2370108320039056	2370108320038570	2370108320038120	2370108320040315



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## 12. Photos



storage



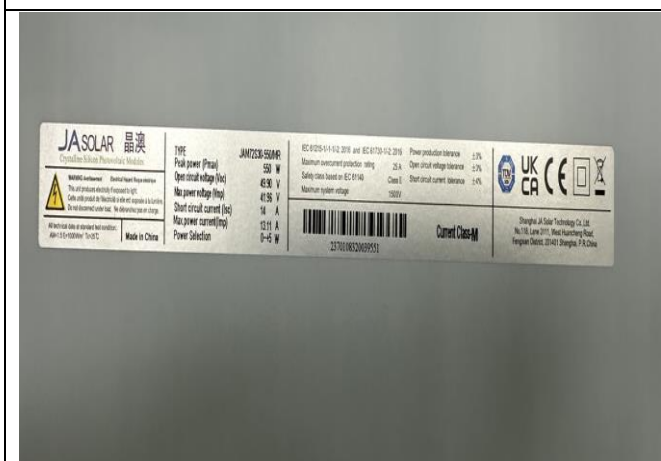
packing



Visual check



Visual check



Module Lable

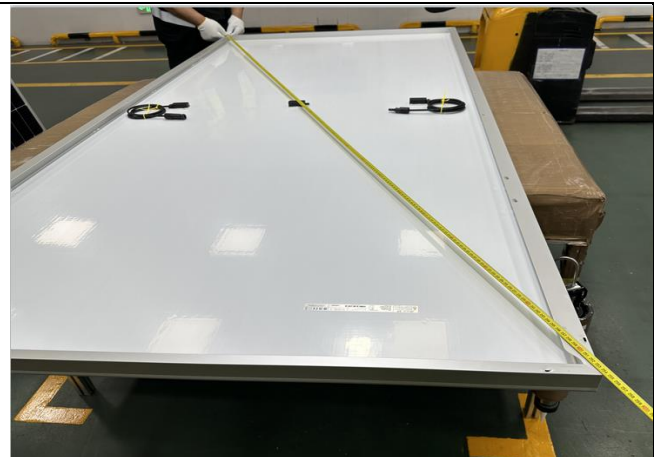


Size check





**Size check**



**Size check**



**Size check**



**Size check**



**IV test**



**Safety testing**



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J-Box



J-Box



Length of cord



Length of cord

**CERTIFICATE**  
No. Z2 072092 0295 Rev. 29

Holder of Certificate: Shanghai JA Solar Technology Co., Ltd.  
No. 118, Lane 3111  
West Huancheng Road  
Fengtan District  
201401 Shanghai  
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:

Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules  
Mono-Crystalline Silicon Photovoltaic Module

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. The certificate is valid until the tested date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TUV SUD Group have to be complied. For details see: www.tuv-sud.com/cert

Test report no.: 704051004115-44

Valid until: 2025-09-20

Date: 2020-09-21

(Zhuo Zhang)

Page 1 of 4  
TUV SUD Product Service GmbH - Certification Body - Roderstraße 55 - 80339 Munich - Germany

IEC\_61215\_61730\_2016 certificate

Test Report issued under the responsibility of:  
TUV SUD Product Service GmbH  
Roderstraße 55  
D - 80339 München  
Germany

**TEST REPORT**  
IEC 61730  
PV Module Safety Qualification  
Part 1: Requirements for construction and Part 2: Requirements for testing

Report Number: 704051004115-44 part 2 of 2  
Date of issue: September 21, 2020  
Total number of pages: 92

TUV SUD Branch: TUV SUD Certification and Testing (China) Co., Ltd. Shanghai Branch  
Applicant's name: Shanghai JA Solar Technology Co., Ltd.  
Address: No. 118, Lane 3111, West Huancheng Road, Fengtan District, 201401, Shanghai, PEOPLE'S REPUBLIC OF CHINA

Test specifications: IEC 61730-1:2016  
Standard: IEC 61730-2:2016  
Test procedure: TUV SUD Mark  
Non-standard test method: TEST 02, 03, 21, 22, 25, 51 were performed considering the correction from near side irradiation. UV75 was also applied to modules near side in sequence C.

Test Report Form No.: IEC61730  
Test Report Form(s) Originator: TUV SUD Product Service GmbH  
Master TRF: Dated 2016-12

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This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and approved to a CB Test Certificate issued by an NCB in accordance with IEC 61215-2.

General disclaimer:  
The test results presented in this report relate only to the object tested.  
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IEC\_61215\_61730\_2016 test report



<p><b>苏州朗博校准检测有限公司</b> SUZHOU LONBO CALIBRATION AND TESTING CO., LTD.</p> <p><b>校准证书</b> CALIBRATION CERTIFICATE</p> <p>证书编号: 30XJ200588-0021 Certificate No.</p> <p>委托单位: 品源(扬州)新能源有限公司 Customer: 品源(扬州)新能源有限公司</p> <p>委托单位地址: 扬州市经济开发区八里镇建康路1号 Customer Addr: 扬州市经济开发区八里镇建康路1号</p> <p>设备名称: 安规测试仪 Description: 安规测试仪</p> <p>型号规格: 97400 Model/Type: 97400</p> <p>制造商: G18u10x Manufacturer: G18u10x</p> <p>机身编号: / Serial No.: /</p> <p>校准日期: 2022-08-31 Cal Date: 2022-08-31</p> <p>校准人: 王特雷 Calibrated by: 王特雷</p> <p>审核人: 王特雷 Approved by: 王特雷</p> <p>印章: 校准专用章</p> <p>第 1 页 / 共 1 页</p>	<p><b>中国计量科学研究院</b> 校准证书</p> <p>证书编号: G002022-20049</p> <p>客户名称: 品源(扬州)新能源有限公司 器具名称: 组件测试仪</p> <p>型号/规格: QTV-20A2616 出厂编号: GS20A261622041304/AZFS-SB342</p> <p>生产厂商: 陕西众森电能科技有限公司 联络信息: 扬州市经济开发区八里镇金山路123号</p> <p>校准日期: 2022-08-30 接收日期: 2022-08-30</p> <p>校准人: 王特雷 校准专用章</p> <p>发布日期: 2022年10月11日</p> <p>地址: 北京市西城区南礼士路18号 电话: 010-64255569/74 网址: <a href="http://www.sgs.com.cn">http://www.sgs.com.cn</a></p> <p>邮编: 100029 传真: 010-64271948 电子邮箱: <a href="mailto:kabao@sgs.com.cn">kabao@sgs.com.cn</a></p> <p>2019-pa-20220</p> <p>第 1 页 / 共 1 页</p>
<p><b>Safety Instrument calibration report</b></p>	<p><b>IV Instrument calibration report</b></p>

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Issued by: Meng Sun  
Title or position: Inspector

Reviewed by: Young Yang  
Title or position: Coordinator

Approved by: [Signature]  
Title or position: Inspection manager

Date: Jul. 04, 2023

Date: Jul. 04, 2023  
End of Report

Date: Jul. 04, 2023



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