

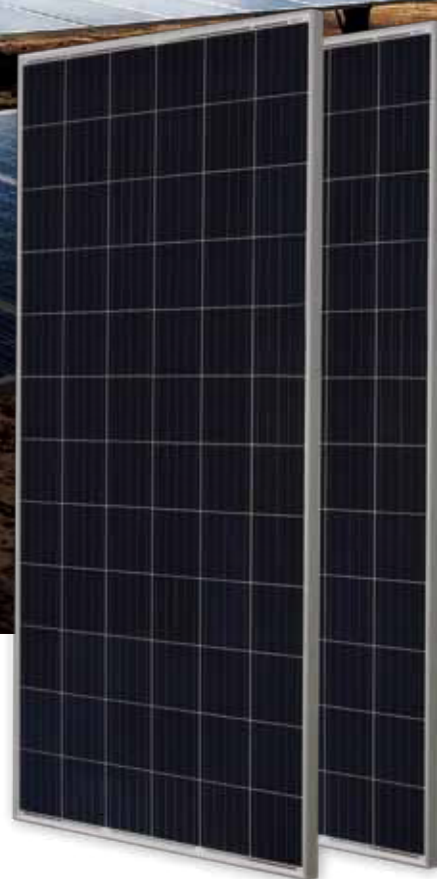
Poly

345W Module

JAP72S09 325-345/SC/1000V Series

Introduction

This time-tested legacy module series has been proven to be one of the powerful and most reliable products offered by JA Solar and the most popular choice by PV system installers and customers around world.



5 busbar solar cell design



Low cost



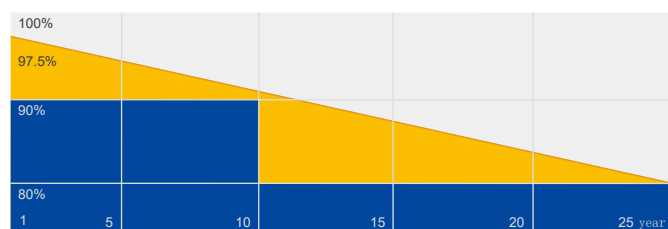
Anti-PID



Highly reliable due to strict quality control

Superior Warranty

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



■ JA Linear Power Warranty ■ Industry Warranty

Comprehensive Certificates

- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 Occupational health and safety management systems



JA SOLAR

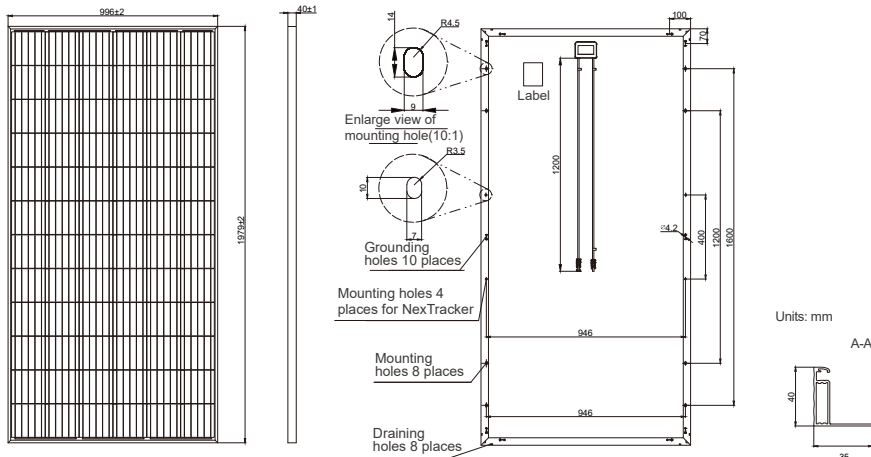
www.jasolar.com

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

Shanghai JA Solar Technology Co., Ltd.



MECHANICAL DIAGRAMS



Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Poly
Weight	22.3kg±3%
Dimensions	1979±2mm×996±2mm×40±1mm
Cable Cross Section Size	4mm ²
No. of cells	72 (6x12)
Connector	Genuine MC4
Country of Manufacturer	China/Vietnam

ELECTRICAL PARAMETERS AT STC

TYPE	JAP72S09 -325/SC/1000V	JAP72S09 -330/SC/1000V	JAP72S09 -335/SC/1000V	JAP72S09 -340/SC/1000V	JAP72S09 -345/SC/1000V
Rated Maximum Power(P _{max}) [W]	325	330	335	340	345
Open Circuit Voltage(V _{oc}) [V]	45.56	45.83	46.10	46.39	46.68
Maximum Power Voltage(V _{mp}) [V]	36.90	37.18	37.45	37.74	38.04
Short Circuit Current(I _{sc}) [A]	9.28	9.35	9.42	9.48	9.55
Maximum Power Current(I _{mp}) [A]	8.81	8.88	8.95	9.01	9.07
Module Efficiency [%]	16.5	16.7	17.0	17.2	17.5
Power Tolerance	0~+5W				
Temperature Coefficient of I _{sc} (α _{Isc})	+0.058%/°C				
Temperature Coefficient of V _{oc} (β _{Voc})	-0.330%/°C				
Temperature Coefficient of P _{max} (γ _{Pmp})	-0.400%/°C				

STC

Irradiance 1000W/m², cell temperature 25°C, AM1.5G

Remark: 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.

Measurement tolerance at STC: P_{max} ±3%, V_{oc} ±2% and I_{sc} ±4%.

*For NexTracker installations static loading performance: front load measures 2400Pa, while back load measures 2400Pa.

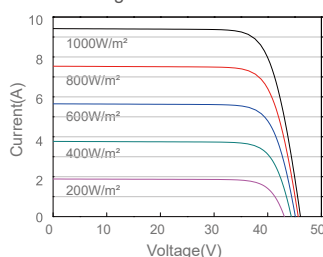
ELECTRICAL PARAMETERS AT NOCT

TYPE	JAP72S09 -325/SC/1000V	JAP72S09 -330/SC/1000V	JAP72S09 -335/SC/1000V	JAP72S09 -340/SC/1000V	JAP72S09 -345/SC/1000V	Maximum System Voltage	1000V DC(IEC)
Rated Max Power(P _{max}) [W]	240	244	248	252	256	Operating Temperature	-40°C~+85°C
Open Circuit Voltage(V _{oc}) [V]	43.38	43.57	43.77	43.96	44.16	Maximum Series Fuse	20A
Max Power Voltage(V _{mp}) [V]	35.17	35.38	35.59	35.81	36.03	Maximum Static Load, Front*	3600Pa, 1.5
Short Circuit Current(I _{sc}) [A]	7.33	7.40	7.47	7.55	7.62	Maximum Static Load, Back*	1600Pa, 1.5
Max Power Current(I _{mp}) [A]	6.82	6.90	6.97	7.04	7.11	NOCT	45±2°C
NOCT	Irradiance 800W/m ² , ambient temperature 20°C, wind speed 1m/s, AM1.5G					Application Class	Class A

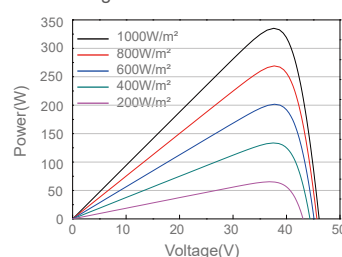
OPERATING CONDITIONS

CHARACTERISTICS

Current-Voltage Curve JAP72S09-335/SC/1000V



Power-Voltage Curve JAP72S09-335/SC/1000V



Current-Voltage Curve JAP72S09-335/SC/1000V

