Harvest the Sunshine

Poly

345W Module

JAP72S01 325-345/SC Series

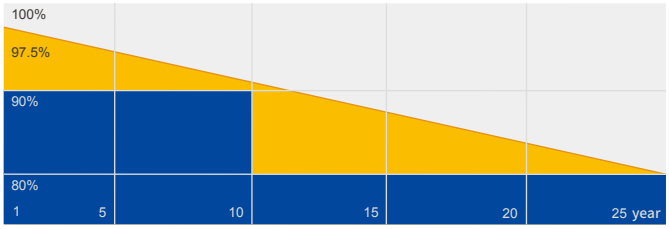
Introduction

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, UL 1703, IEC TS 62804
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 Occupational health and safety management systems
- IEC TS 62941: 2016 Terrestrial photovoltaic (PV) modules – Guidelines for increased confidence in PV module design qualification and type approval

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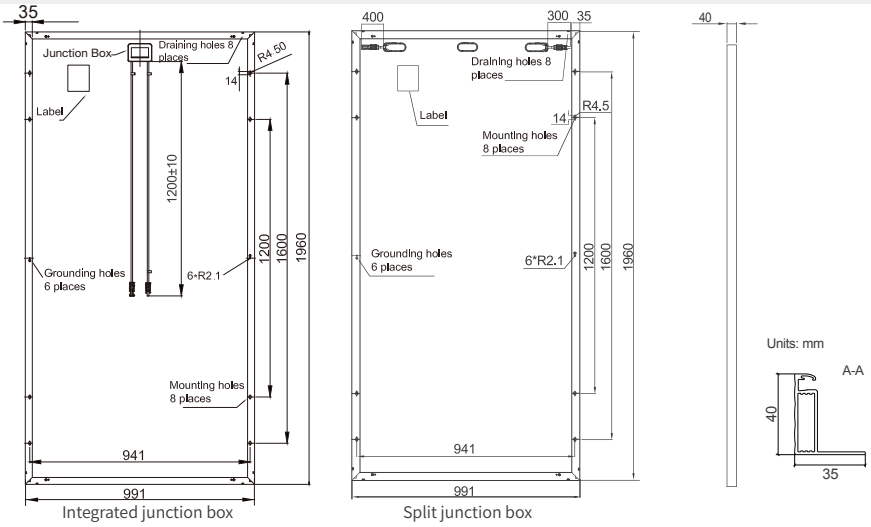
Specificantions subject to technical changes and tests.
JA Solar reserves the right of final interpretation.

MECHANICAL DIAGRAMS



Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Poly
Weight	22kg±3%
Dimensions	1960mm×991mm×40mm
Cable Cross Section Size	4mm²
No. of cells	72(6x12)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible(1000V) QC 4.10-35(1500V)
Packaging Configuration	27 Per Pallet

ELECTRICAL PARAMETERS AT STC

TYPE	JAP72S01 -325/SC	JAP72S01 -330/SC	JAP72S01 -335/SC	JAP72S01 -340/SC	JAP72S01 -345/SC
Rated Maximum Power(Pmax) [W]	325	330	335	340	345
Open Circuit Voltage(Voc) [V]	46.38	46.40	46.70	46.80	47.03
Maximum Power Voltage(Vmp) [V]	37.39	37.65	37.83	38.04	38.30
Short Circuit Current(Isc) [A]	9.17	9.28	9.35	9.51	9.57
Maximum Power Current(Imp) [A]	8.69	8.77	8.87	8.94	9.01
Module Efficiency [%]	16.7	17.0	17.2	17.5	17.8
Power Tolerance	0~+5W				
Temperature Coefficient of Isc(α_Isc)	+0.058%/℃				
Temperature Coefficient of Voc(β_Voc)	-0.330%/℃				
Temperature Coefficient of Pmax(γ_Pmp)	-0.400%/℃				
STC	Irradiance 1000W/m², cell temperature 25℃, 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.

ELECTRICAL PARAMETERS AT NOCT

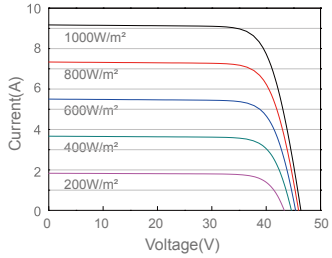
TYPE	JAP72S01 -325/SC	JAP72S01 -330/SC	JAP72S01 -335/SC	JAP72S01 -340/SC	JAP72S01 -345/SC
Rated Max Power(Pmax) [W]	241	244	248	252	255
Open Circuit Voltage(Voc) [V]	43.24	43.41	43.63	43.81	44.06
Max Power Voltage(Vmp) [V]	34.82	35.03	35.21	35.42	35.66
Short Circuit Current(Isc) [A]	7.35	7.40	7.46	7.54	7.60
Max Power Current(Imp) [A]	6.91	6.97	7.04	7.10	7.16
NOCT	Irradiance 800W/m², ambient temperature 20℃, wind speed 1m/s, AM1.5G				

OPERATING CONDITIONS

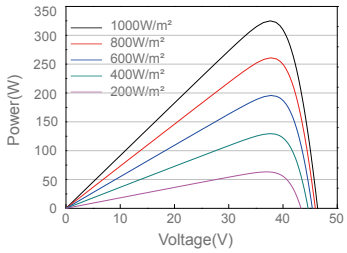
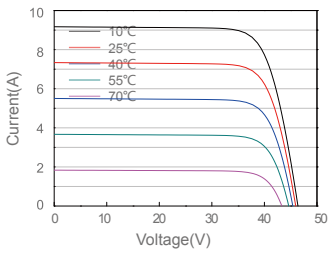
Maximum System Voltage	1000V/1500V DC(IEC)
Operating Temperature	-40℃~+85℃
Maximum Series Fuse	20A
Maximum Static Load,Front	5400Pa
Maximum Static Load,Back	2400Pa
NOCT	45±2℃
Application Class	Class A

CHARACTERISTICS

Current-Voltage Curve JAP72S01-325/SC



Power-Voltage Curve JAP72S01-325/SC



Current-Voltage Curve JAP72S01-325/SC