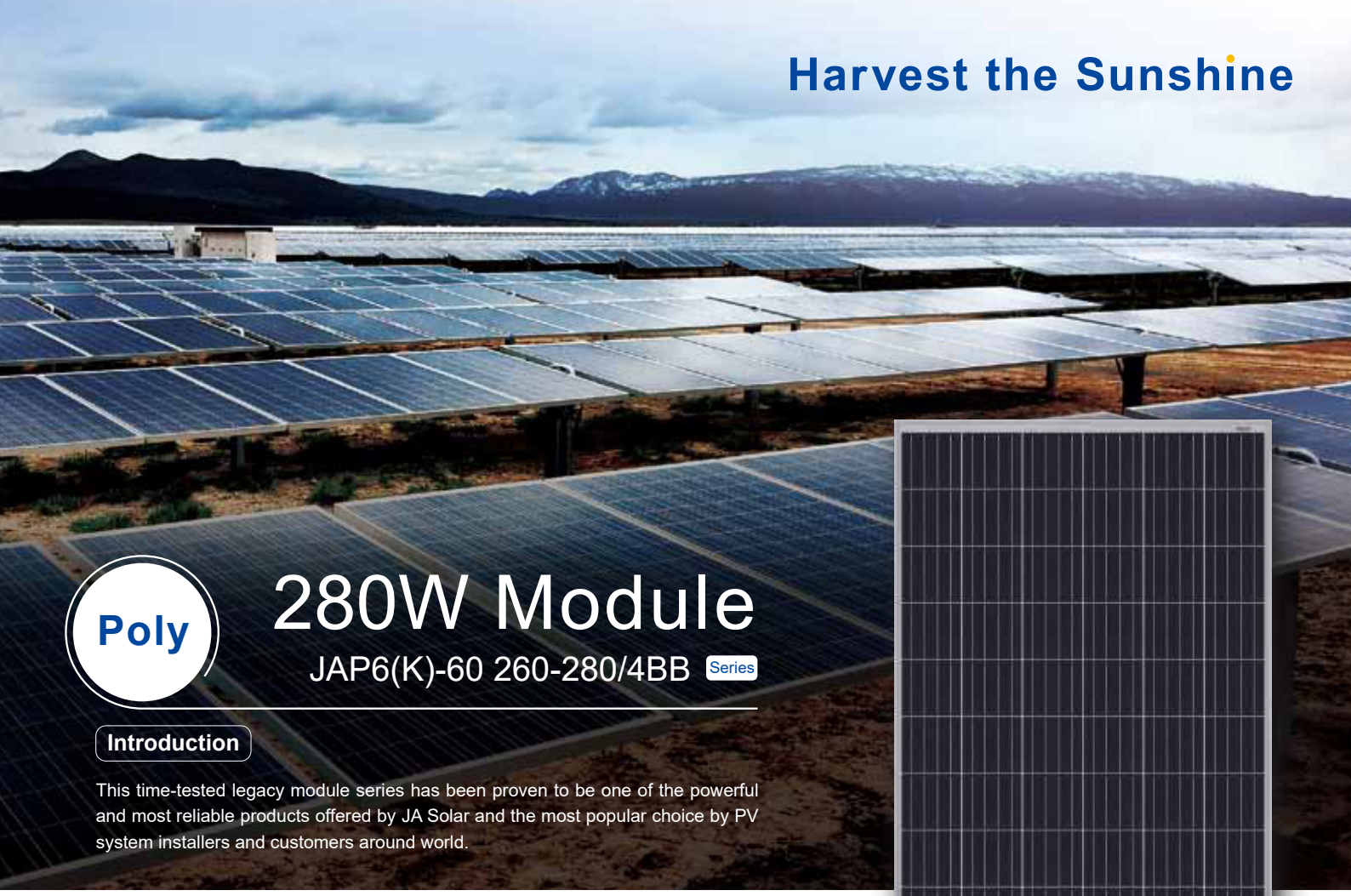
Harvest the Sunshine



Poly

280W Module

JAP6(K)-60 260-280/4BB Series

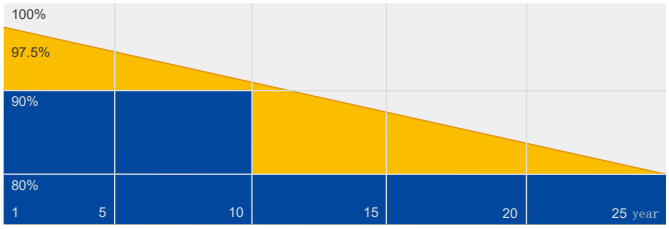
Introduction

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
- 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

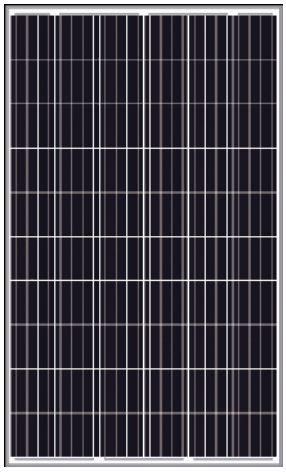
Specificantions subject to technical changes and tests.
JA Solar reserves the right of final interpretation.

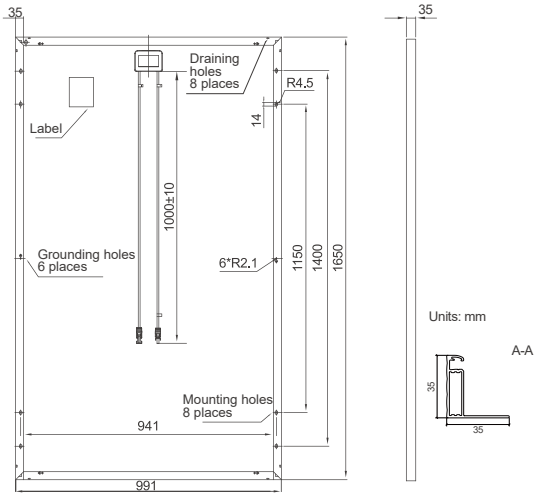
Shanghai JA Solar Technology Co., Ltd.

JA SOLAR

JAP6(K)-60 260-280/4BB Series

MECHANICAL DIAGRAMS





Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Poly
Weight	18.2kg±3%
Dimensions	1650mm×991mm×35mm
Cable Cross Section Size	4mm²
No. of cells	60(6x10)
Connector	PV-ZH202 PV-KBT4/6II(female),PV-KST4/6II(male) QC4.10 Helios H4 H4 UTX
Country of Manufacturer	China/Vietnam

ELECTRICAL PARAMETERS AT STC

TYPE	JAP6(K)-60-260/4BB	JAP6(K)-60-265/4BB	JAP6(K)-60-270/4BB	JAP6(K)-60-275/4BB	JAP6(K)-60-280/4BB
Rated Maximum Power(Pmax) [W]	260	265	270	275	280
Open Circuit Voltage(Voc) [V]	37.74	37.95	38.17	38.38	38.65
Maximum Power Voltage(Vmp) [V]	30.71	30.92	31.13	31.34	31.61
Short Circuit Current(Isc) [A]	9.04	9.11	9.18	9.29	9.37
Maximum Power Current(Imp) [A]	8.47	8.57	8.67	8.77	8.86
Module Efficiency [%]	15.9	16.2	16.5	16.8	17.1
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

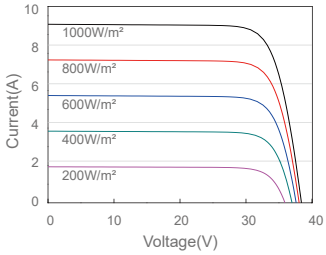
TYPE	JAP6(K)-60-260/4BB	JAP6(K)-60-265/4BB	JAP6(K)-60-270/4BB	JAP6(K)-60-275/4BB	JAP6(K)-60-280/4BB
Rated Max Power(Pmax) [W]	192	196	200	204	207
Open Circuit Voltage(Voc) [V]	35.70	35.94	36.25	36.56	36.85
Max Power Voltage(Vmp) [V]	28.87	29.09	29.29	29.48	29.69
Short Circuit Current(Isc) [A]	7.20	7.23	7.27	7.33	7.40
Max Power Current(Imp) [A]	6.66	6.74	6.82	6.90	6.98
NOCT	Irradiance 800W/m², ambient temperature 20℃, wind speed 1m/s, AM1.5G				

OPERATING CONDITIONS

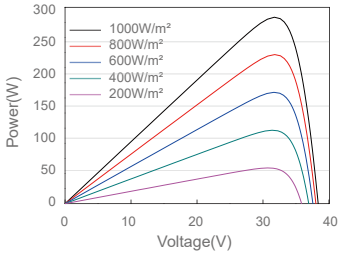
Maximum System Voltage	1000V DC(IEC)
Operating Temperature	-40℃~+85℃
Maximum Series Fuse	20A
Maximum Static Load,Front	3600Pa,1.5
Maximum Static Load,Back	1600Pa,1.5
NOCT	45±2℃
Application Class	Class A

CHARACTERISTICS

Current-Voltage Curve JAP6(K)-60-270/4BB



Power-Voltage Curve JAP6(K)-60-270/4BB



Current-Voltage Curve JAP6(K)-60-270/4BB

