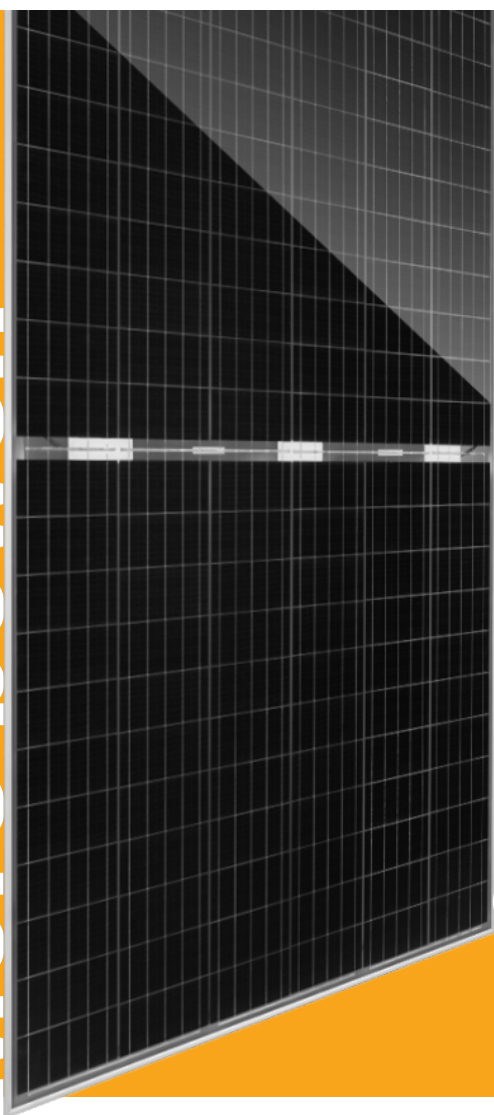


More power.



On the same area.

Jinko Solar Swan Bifacial

Monocrystalline PERC modules.

Your benefits at a glance

- The front and rear sides of the module both actively contribute to supplying energy
- Increased yield with consistent area usage
- Reduce levelised cost of energy
- Double-sided glazing for increased stability and durability
- No degradation on the rear side due to double glazing

The bifacial technology enables the active usage of the rear side of solar modules by converting sunlight, which is reflected from the ground, into energy as well. Depending on the reflective force of the substrate and the prevailing lighting ratio, a bifacial system can deliver an additional yield of up to 15%. This means that a bifacial solar module can achieve an output of 2 to 3 power classes higher than with a comparable monofacial module. Bifacial modules thereby naturally require less space for the same output. Glazing on both sides ensure stability and a low degradation of only 0.5% annually

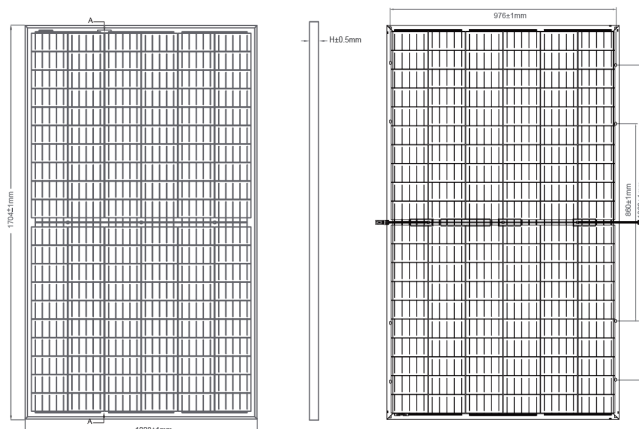
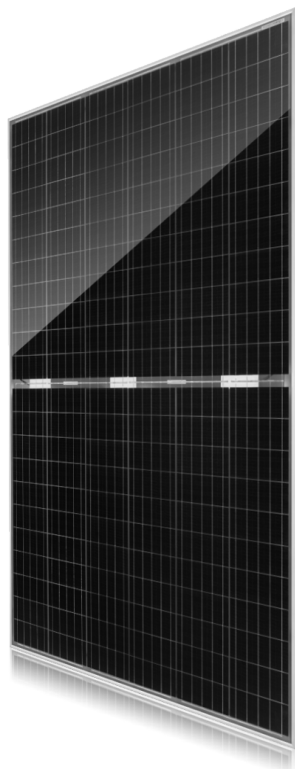
for 30 years. The advantages are obviously clear. However, bifacial modules are not only a benefit in the commercial sector, rather also in open-field installations, and here in particular with innovative installation options. For example, a vertical east-west system could simultaneously utilise the sun rays to gain energy and enable crops to be cultivated between the module rows. It will be exciting to monitor which innovative solutions system operators can find here.

WEBINAR

Bifacial, shingled and Co. – new module technologies under the microscope.

23.07.2020 4:00 p.m. **26.08.2020** 4:00 p.m.





Technical data

Jinko Solar Swan Bifacial 60H	330	335	340
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Electrical data (STC):			
STC power P _{max} (Wp)	330	335	340
STC nominal voltage U _{mpp} (V)	33.24	33.40	34.62
STC nominal current I _{mpp} (A)	9.93	10.03	10.11
STC open circuit voltage U _{oc} (V)	40.39	40.46	40.60
STC short circuit current I _{sc} (A)	10.35	10.44	10.53
Module efficiency (%)	19.21	19.50	19.79
Power tolerance (%)	0/+3	0/+3	0/+3
Bifacial factor (%)	70 +/- 5	70 +/- 5	70 +/- 5

Electrical data (NOCT):			
800 W/m ² NOCT AM 1.5 Power P _{max} (Wp)	246	249	253
800 W/m ² NOCT AM 1.5 Nominal voltage U _{mpp} (V)	31.12	31.31	31.50
800 W/m ² NOCT AM 1.5 Open circuit voltage U _{oc} (V)	38.04	38.11	38.24
800 W/m ² NOCT AM 1.5 Short circuit current I _{sc} (A)	8.36	8.43	8.50

Temperature coefficient:			
NOCT (°C)	45	45	45
Tempcoeff I _{sc} (%/°C)	0.048	0.048	0.048
Tempcoeff U _{oc} (mV/°C)	-95.7	-97.2	-98.6
Tempcoeff P _{mpp} (%/°C)	-0.35	-0.35	-0.35

Operating conditions:	
Maximum System Voltage (V)	1500
Application class	A
Reverse current I _r (A)	25
Current value string fuse (A)	20
Fuse protection from parallel strings	3

Mechanical properties:	
Dimensions (L x W x H in mm)	1704 x 1008 x 30
Weight (kg)	22.4
Maximum Test load, Push/Pull (Pa)	5400/2400
Maximum design load, Push/Pull (Pa)	3600/2400
Front sheet (mm)	2.0 (anti-reflective coating)
Back sheet (mm)	2.0
Frame	Anodised aluminium, hollow chamber frame profile
Cells	12 x 10 monocrystalline silicon cells
Connection type	EVO2

Warranties and certification:	
Product warranty	25 years
Power warranty	30 years/0.5% annual degradation
Certification	ISO9001:2015, ISO14001:2015, ISO45001:2018, IEC61215(2016), IEC61730(2016)

Note:
Please refer to the manufacturer's data sheet.