



**Your
Energy
Solutions**

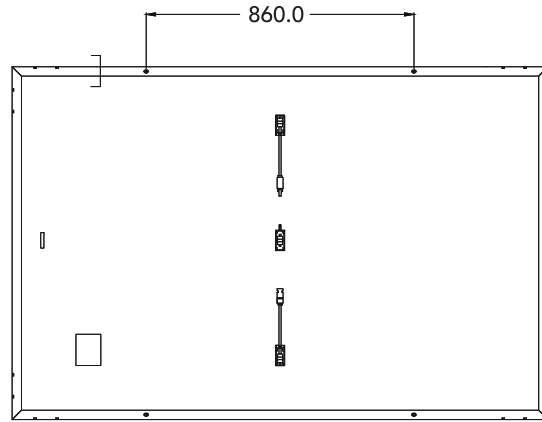
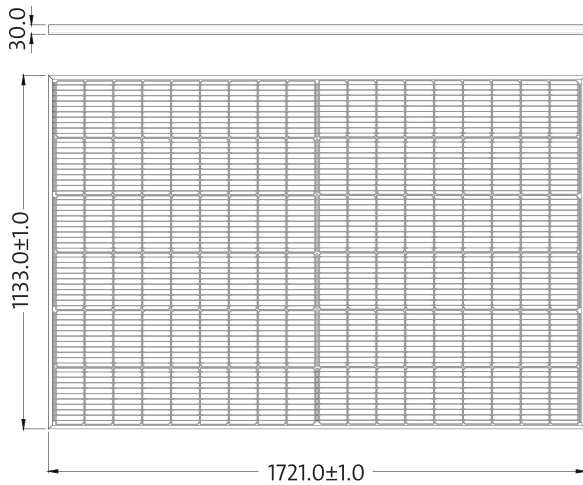
BI-FACIAL SERIES

YES-BF400W-BLK
PRODUCT SPECIFICATIONS

400wp
20.5%



YES BIFACIAL SERIES > PRODUCT SPECIFICATIONS



CERTIFICATIONS

IEC 62782:2016
IEC TS 62804
IEC 60068
IEC 62716
IEC 61701
UL 61215 / UL 61730
IEC 61215 / IEC 61730
EN ISO 9001: 2015
EN ISO 14001: 2015



GENERAL DATA

Module Dimensions (mm)	1721±1 x 1133±1 x 30
Module Weight (kg)	20.5±1kg
Modules per Pallet	37
40 Ft High Cube Container	962 Modules
Max Static Load (front)*	5400 Pa
Max Static Load (back)*	2400 Pa
Dynamic Load*	1000 Pa

ELECTRICAL DATA

POWER AT STC	400 W	405 W	410 W
Short Circuit Current-Is _c (A)	13.68	13.72	13.76
Maximum Power Current - Imp _p (A)	12.94	13.00	13.06
Open Circuit Voltage - Voc (V)37.00	37.00	37.29	37.60
Maximum Power Voltage - V _{mpp} (V)	30.92	31.16	31.40
Module Efficiency - η' (%)	20.5%	20.8%	21.0%

MATERIAL DATA

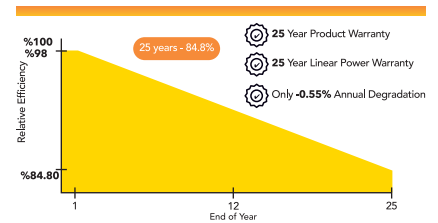
Cells per Module	108 (54 x 2)
Cell Type	Grade A - Mono PERC Crystalline Silicon/10 BB 182x91mm
Front Surface	3.2 Tempered AR Coated Glass
Encapsulant	PID Free EVA
Back Cover	Backsheet
Frame	Anodized Aluminum (Black)
Junction Box	IP68, 3 Bypass Diodes
Cable Length	300mm Cable Length (can be customized)
Fire Classification	Type I

Power measuring tolerance: ± 3%, other measurements tolerances: ± 5%.

* Caution: For professional use only, the installation and handling of PV modules and cleaning modules require professional skills and should only be performed by qualified professionals, please read the Installation and Operation Manual and Cleaning Guidelines before using the modules.

**Specifications subject to change without notice.

WARRANTY



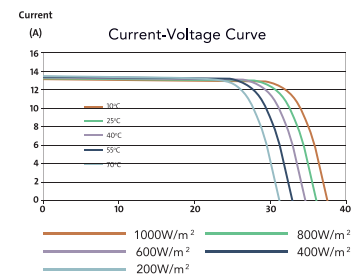
MAXIMUM RATINGS

Maximum System Voltage - V _{max} (V)	-0.26
Maximum Series Fuse (A)	+0.04
Operating Temperature Range (C°)	-0.30

TEMPERATURE RATINGS**

Open Voltage Temperature Coefficient VOC (%/C°)	-0.26
Short Circuit Current Temperature Coefficient ISC (%/C°)	+0.04
Power Temperature Coefficient PMP (%/C°)	-0.30
NOCT (C°)	45±2

LOW LIGHT BEHAVIOUR



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