

SOLAR PANEL 730W

N-Type Bifacial

Double Glass Module

HSM-GLF-NM730-75S



High energy yield

- Consistent energy production across all weather conditions
- Bifacial energy generation



Elegant design

- Sleek panel aesthetic
- High-durability frame and heat-strengthened glass



Reliable operation

- Low current design
- High mechanical strength
- Non-destructive cutting



Customer value

- Higher power output
- Lower LCOE
- High project returns



Electrical Parameters (STC: AM1.5, 1000W/m², 25°C) 730W

Maximum Power (P _{max})	730 W
Open-Circuit Voltage (V _{oc})	49.18 V
Short-Circuit Current (I _{sc})	18.18 A
Maximum Power Voltage (V _{mp})	41.89 V
Maximum Power Current (I _{mp})	17.42 A
Module Efficiency	24.3%

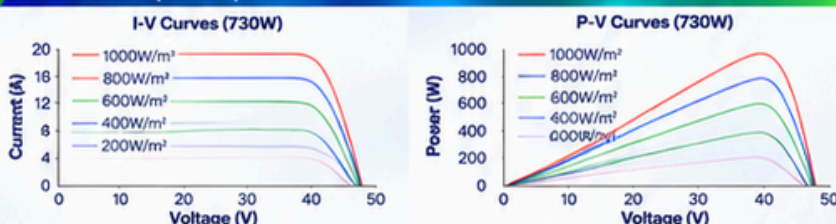
Temperature Coefficient 730W

Temperature Coefficient of P _{max}	-0.28% / °C
Temperature Coefficient of V _{oc}	-0.24% / °C
Temperature Coefficient of I _{sc}	0.045% / °C

Mechanical Data 730W

No. of Cells	132 (6 × 22)
Dimensions	2384 × 1303 × 33 mm
Weight	38.3 kg
Front Glass	2.0 mm, heat strengthened, AR coating
Back Glass	2.0 mm, heat strengthened glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 bypass diodes
Cable	4.0 mm ² , +400 mm, -200 mm or customised length
Maximum Static Load	Front 5400 Pa / Back 2400 Pa

I-V Curve (730W)



Electrical Characteristics with Different Bifacial Gain (Rear Side Power Gain) 730W

Bifacial Ratio	80 ± 5%
Maximum Power (P _{max}) - 10%	803 W
Open-Circuit Voltage (V _{oc})	49.18 V
Short-Circuit Current (I _{sc})	20.00 A
Maximum Power Voltage (V _{mp})	41.89 V
Maximum Power Current (I _{mp})	19.18 A
Module Efficiency	26.7%

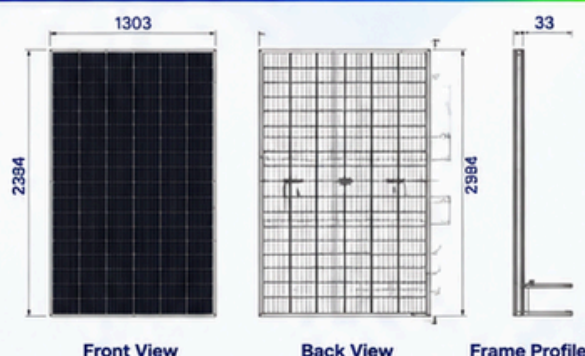
Operating Parameters 730W

Operating Temperature	-40°C to +85°C
Maximum System Voltage	1500 V IEC
Maximum Series Fuse	30 A
Power Tolerance	0~+3%
Bifaciality	80 ± 5%
Fire Rating	Class C

Packaging Configuration 730W

Modules per Pallet	33
Pallets per 40ft HQ Container	20
Modules per Container	660

Engineering Drawing (mm)



Certifications



ISO 9001:2015
ISO 14001:2015
ISO 45001:2018