

405W



Full Black Design

Engineered with aesthetics using thinner wires that appear all black at a distance.



Unique Design, Superior Transmittance

Unique design of visibility and placement to meet light transmittance and waterproofing requirements.



Low Light Resilience

Advanced glass and cell surface texture designs ensure excellent performance in low light environment.



Environmental Durability

Good performance of Anti-PID & Salt mist certified by 2 PfG 2387/01.18 and IEC61701.



Parameters of Solarcells(STC)

Maximum Power - Pmax (W)	405
Maximum Power Voltage - Vmp (V)	31.63
Maximum Power Current - Imp (A)	12.80
Open-circuit Voltage - Voc (V)	38.02
Short-circuit Current - Isc (A)	13.57
Module efficiency	20.77 %

Temperature & Maximum Ratings

Operating Temperature (°C)	-40 °C ~ +85 °C
Nominal Operating Cell Temperature	45 ± 2 °C
Temperature Coefficients of Pmax	-0.35% / °C
Temperature Coefficients of Voc	-0.275% / °C
Temperature Coefficients of Isc	0.045% / °C
Power Tolerance	± 3 %
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	25 A

Mechanical Characteristics

Cell Type	Mono-crystalline
Dimensions	1721x1133x30 mm
Weight	21kg
Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, MC4 Compatible, 3 Bypass Diode
Output Cables	1x4.0 mm², Length: 300 mm or Customized Length
Packaging Configuration	74pcs/stack, 962pcs/40'HQContainer (Two pallets=One stack)

12
years

Product warranty

25
years

Linear power
warranty

