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Model: AS-S108-M10H-410-TIG

POWER OUTPUT

410W Mono Black Tigo Optimised

Half cut cell technology can reduce the internal power loss and improve component overall power. Excellent heat dissipation avoids hot spot production

Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs

Microcrack resistant double glass structure enhances reliability, triple EL tested for high quality control

Tigo optimiser built-in
Reduces shading losses
Rapid shutdown*
Online monitoring*
Enhanced DC safety*
Predictive Technology

Advanced surface treatment, lower surface reflection and 5BB cell design can reduce the series resistance

Positive tolerance
0/+5w guaranteed

- Module Efficiency: 21%
- No. of Cells: 108 (6 x 18)
- Weight: 22.1kg
- Dimensions: 1724mm x 1134mm x 30mm
- Monocrystalline 182x182mm
- Tigo TS4-A-0 optimiser built-in



Tigo[®]



* Some Tigo functions are only unlocked when connected to the Internet using the Tigo CCA and TAP optional accessories.



30 YEAR
EUROPEAN
PERFORMANCE
WARRANTY



12 YEAR
PRODUCT
WARRANTY

* Specifications are subject to change without further notification

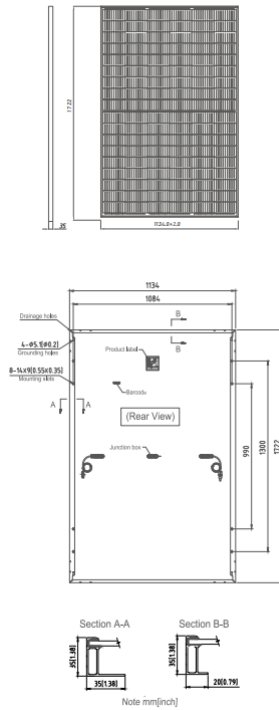


410W Optimised All Black

Model: AS-S108-M10H-410-TIG



ENGINEERING DRAWING



ELECTRICAL CHARACTERISTICS

Module	AS108-M10H-410-TIG
Maximum Power at STC (Pmax)	410W
Open-Circuit Voltage (Voc)	37.45V
Short-Circuit Current (Isc)	13.88A
Optimum Operating Voltage (Vmp)	31.59V
Optimum Operating Current (Imp)	12.98A
Module Efficiency	21%
Power Tolerance	0 ~ +5W
Maximum System Voltage	1500V DC (IEC)
Maximum Series Fuse Rating	25A
Operating Temperature	-40°C to +85°C

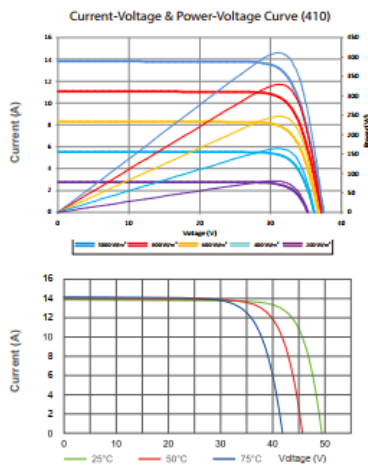
*STC: Irradiance 1000W/m², module temperature 25, AM=1.5
Optional black frame or white frame module according to customer requirements

NOCT

Module	AS108-M10H-410-TIG
Maximum Power	309.6W
Open Circuit Voltage (Voc)	35.2V
Short Circuit Current (Isc)	11.16A
Maximum Power Voltage (Vmp)	29.2V
Maximum Circuit Current (Imp)	10.62A
NOCT	42°C±2°C

*NOCT: Irradiance 800W/m², ambient temperature 20

I-V CURVES



MECHANICAL CHARACTERISTICS

Solar Cells	Monocrystalline
No. of Cells	108 (6x18)
Dimensions	1724mm x 1134mm x 30mm
Weight	22.1kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68 3 diodes
Cable	4mm ² (IEC) x 350mm
Optimisation	Tigo AS4-A-O unit built-in
Packaging Configuration	36pcs / box, 936pcs / 40'HQ Container

TEMPERATURE CHARACTERISTICS

Temperature Coefficient of Pmax	γ (Pm)	-0.36%/K
Temperature Coefficient of Voc	β (Voc)	-0.304%/K
Temperature Coefficient of Isc	α (Isc)	0.050%/K