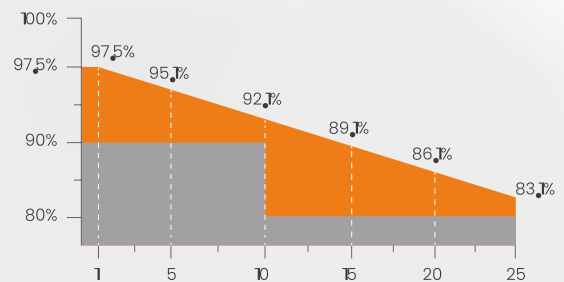


## 410W M10 solar modules Aquaman series Mono MBB Perc large size half cut Full black module

Excellent technical advantages and system design scheme to achieve high reliability, power generation effective gain and EPC cost reduction. Products can match different installation conditions, taking into account high adaptability and high compatibility. With mature support and inverter scheme, customized design for industrial and commercial and centralized ground power stations.

### Certification









IEC61215/IEC61730  
ISO9001:Quality Management System  
ISO14001:Environmental Management System  
ISO45001:Occupational Health and Safety Management System



Linear performance warranty



Product warranty

-  Exceptional PID Resistance
-  Salt mist resistance/Ammonia resistance /dust and hail resistance
-  Production process reliability test
-  0~+5W Positive Tolerance
-  Mono MBB half cut
-  Reduce BOS cost increase ROI
-  Non-destructive cutting
-  BIPV All black BIPV

## Technical Data

Artikelnummer	9911056805		
Type	410W Full black		
Module Efficiency (%)	21.01		
Tolerance (W)	0 ~ +5		
Test Environment	STC		NOCT
Maximum Power Pmax(W)	410		305.13
Open Circuit Voltage Voc(V)	37.47		35.37
Short Circuit Current Isc(A)	13.96		11.27
Maximum Power Voltage Vm(V)	30.93		28.78
Maximum Power Current Im(A)	13.26		10.60
Cell Type (mm)	MBB(Mono-Crystalline Silicon)		
Number of Cells (Pcs)	108(6×18)		
Maximum System Voltage (V)	DC1500		
Temp.Coeff.of Voc (%/°C)	-0.282		
Temp.Coeff.of Isc (%/°C)	0.05		
Temp.Coeff.of Pm (%/°C)	-0.348		
Operating Temperature (°C)	-40 to 85		
Nominal Operating Cell Temperature(NOCT) (°C)	45±2		
Max.Series Fuse (A)	25		
Pressure Bearing (Pa)	5400		
Wind Bearing	2400		

STC: Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, Wind speed 1m/s

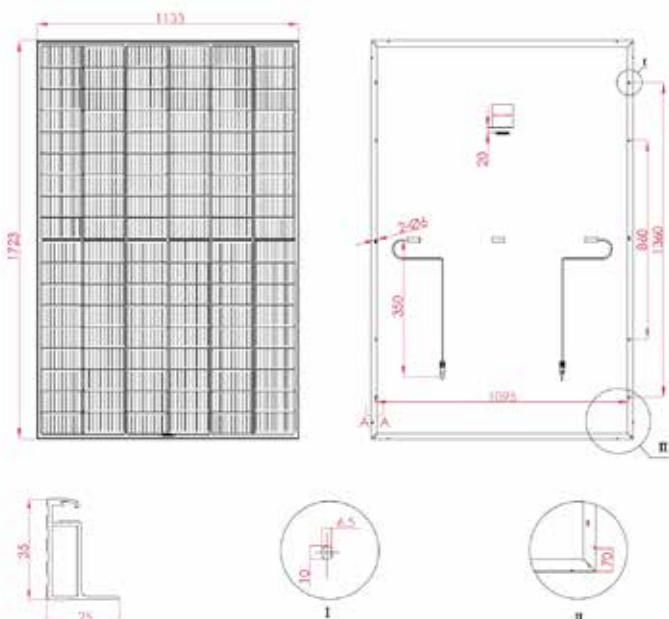
### Material details

Frame	Anodized aluminum	Glass	350mm or as customer's requirements
Cell	6×18pcs mono solar cell	Junction Box	IP≥68, TÜV&UL
Diode quantity	3	Cable&Connector	4mm <sup>2</sup> , EVO2 or EVO2 compatible
Glass	3.2mm Anti-Reflection Coating Heat Strengthened Glass		

### Packing details

Dimension	1723×1133×30mm	Weight	20kg
Loading Capacity	936pcs/40HC	Packing	31pcs/pallet

## Engineering drawings



## Iv curves

