

# DHT-M60X10 430~460W<sup>0~+5W</sup>

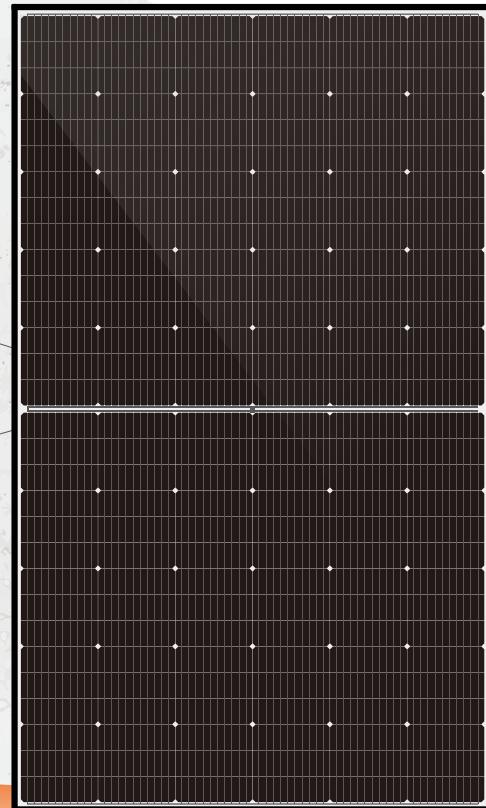
1/3 cut Low current  
High Efficiency PV Module



## Quality Guarantee

12-Year material & technology warranty  
25-Year linear power output warranty

**LOW CURRENT**  
**Min: 8.95A**



**Low current, increase power generation**  
1/3 design, lower current and lower loss



**Reduce loss and increase efficiency 1.2%\***  
Low current effectively reduces power loss



**Diversified Application Scenarios**  
Strong weather resistance, easy installation in deserts, coastal areas, mountains and various roofs



**Better Compatibility**  
Lower LCOE cost

## Comprehensive Products and System Certificates

IEC 61215 / IEC 61730 / CE / INMETRO  
OHSAS 18001-  
2007/International standards for occupational health & safety  
ISO 14001-  
2015/Standards for environmental management system  
ISO 9001-  
2015/Quality management system



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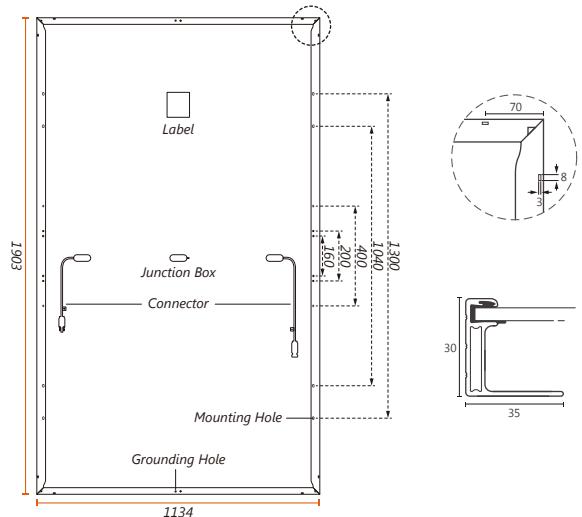
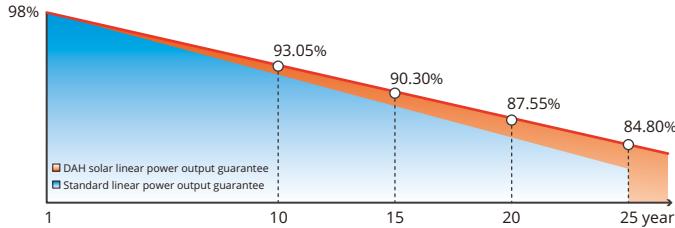
1/3 cut Low current High Efficiency PV Module

Cells Type  
Mono 182×60.7mm

Weight  
23.5kg

Dimension (L×W×T)  
1903×1134×30mm

Packing  
35pcs/pallet, 840pcs/40HQ



## Mechanical Specification

Output Cable (Including connector)	4.0mm <sup>2</sup> , 300/400mm in length, length can be customized
No.of Cells	180 (6×30)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible

## Operating Parameters

Maximum system voltage	1000V/1500V DC
Operating Temperature	-40 ~ +85°C
Maximum series fuse rating	20A
Snow load, frontside	5400Pa
Wind load, backside	2400Pa
Nominal operating cell temperature	43°C±2°C
Application level	Class A

## STC-Electrical Characteristics

Module Type	DHT-M60X10						
Maximum Power (Pmax)	430W	435W	440W	445W	450W	455W	460W
Open-circuit Voltage (Voc)	61.2V	61.4V	61.6V	61.8V	62.0V	62.2V	62.4V
Maximum Power Voltage (Vm)	51.6V	51.8V	52.0V	52.2V	52.4V	52.6V	52.8V
Short-circuit Current (Isc)	8.95A	9.01A	9.07A	9.13A	9.19A	9.25A	9.31A
Maximum Power Current (Imp)	8.33A	8.40A	8.46A	8.52A	8.59A	8.65A	8.71A
Module Efficiency (%)	19.93%	20.16%	20.39%	20.62%	20.85%	21.08%	21.30%

Temperature Coefficient of Isc: 0.05%/°C / Temperature Coefficient of Voc: -0.31%/°C / Temperature Coefficient of Pmax: -0.35%/°C

Standard Test Environment : Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, Spectrum AM1.5

## NOCT-Electrical Characteristics

Maximum Power (Pmax)	324W	327W	331W	335W	339W	342W	346W
Open-circuit Voltage (Voc)	58.0V	58.2V	58.4V	58.5V	58.7V	58.9V	59.1V
Maximum Power Voltage (Vm)	48.9V	49.1V	49.3V	49.4V	49.6V	49.8V	50.0V
Short-circuit Current (Isc)	7.22A	7.27A	7.31A	7.36A	7.41A	7.46A	7.51A
Maximum Power Current (Imp)	6.62A	6.67A	6.72A	6.77A	6.82A	6.87A	6.92A

Standard Test Environment : Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

## I-V Curve (DHT-M60X10-440W)

