

# DHT-M60X10

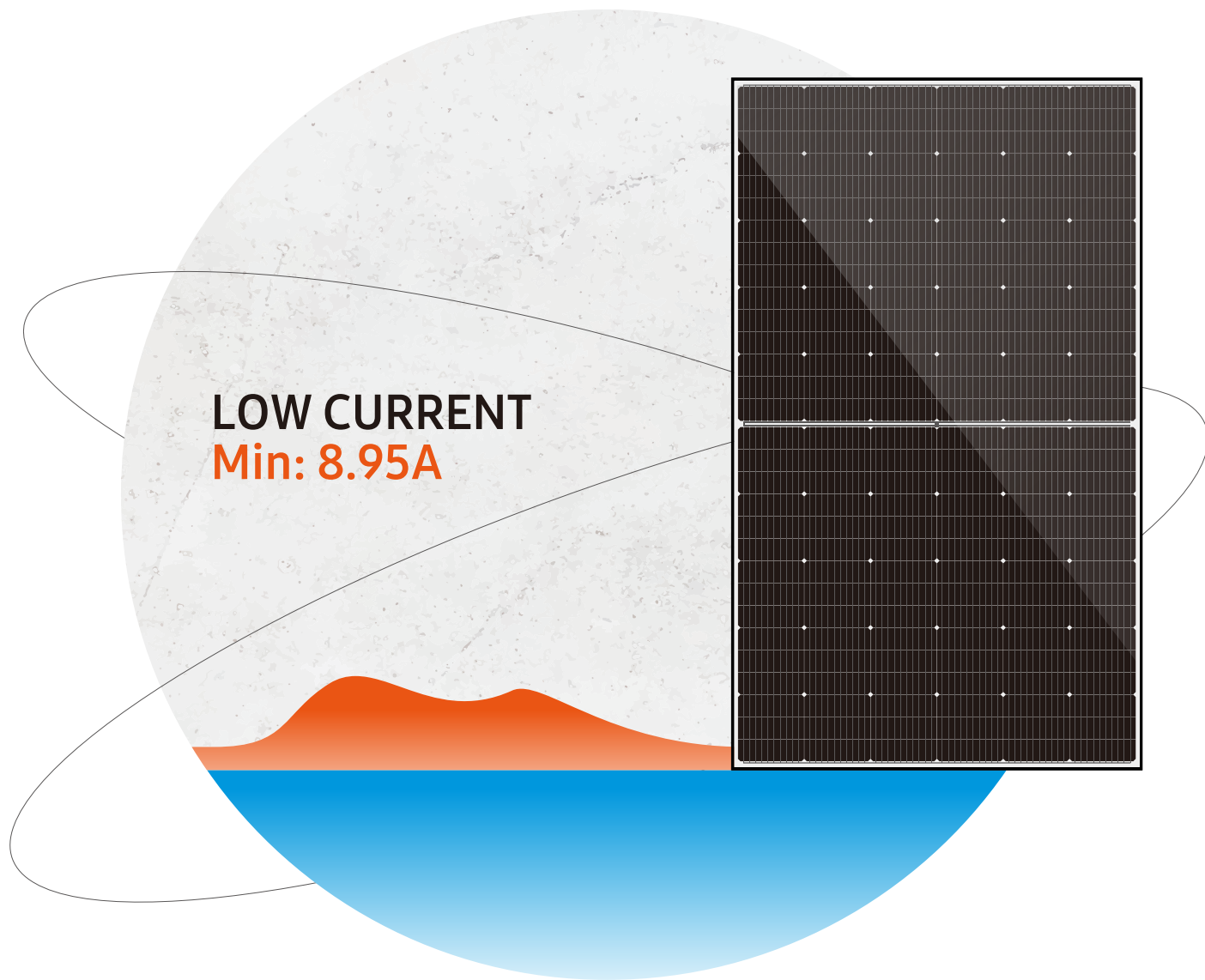
0~+5W

# 430~460W

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

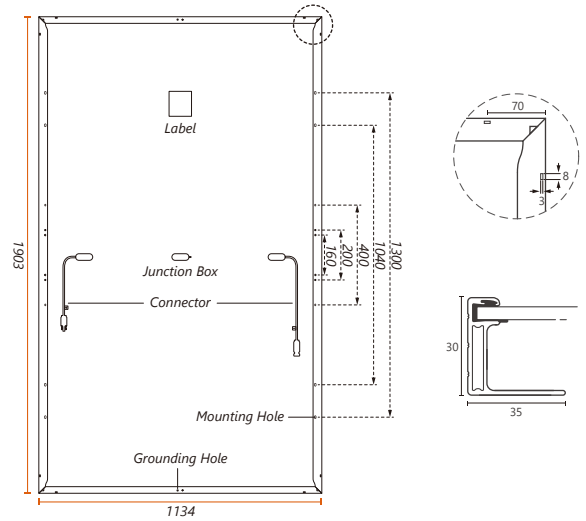
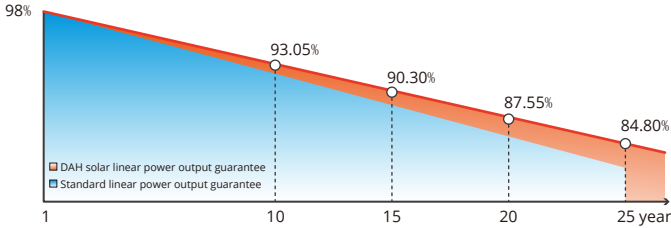
IEC 61215 / IEC 61730 / CE / INMETRO  
ISO 45001-  
2018/International standards for occupational health & safety  
ISO 14001-  
2015/Standards for environmental management system  
ISO 9001-  
2015/Quality management system



# DHT-M60X10 430~460W

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 **36pcs/pallet, 864pcs/40HQ**



## Mechanical Specification

Output Cable 4.0mm<sup>2</sup>, 300/400mm in length, length can be customized  
 (Including connector)  
 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 (Vmp)	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 (Vmp)	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-60X10-440W)

