

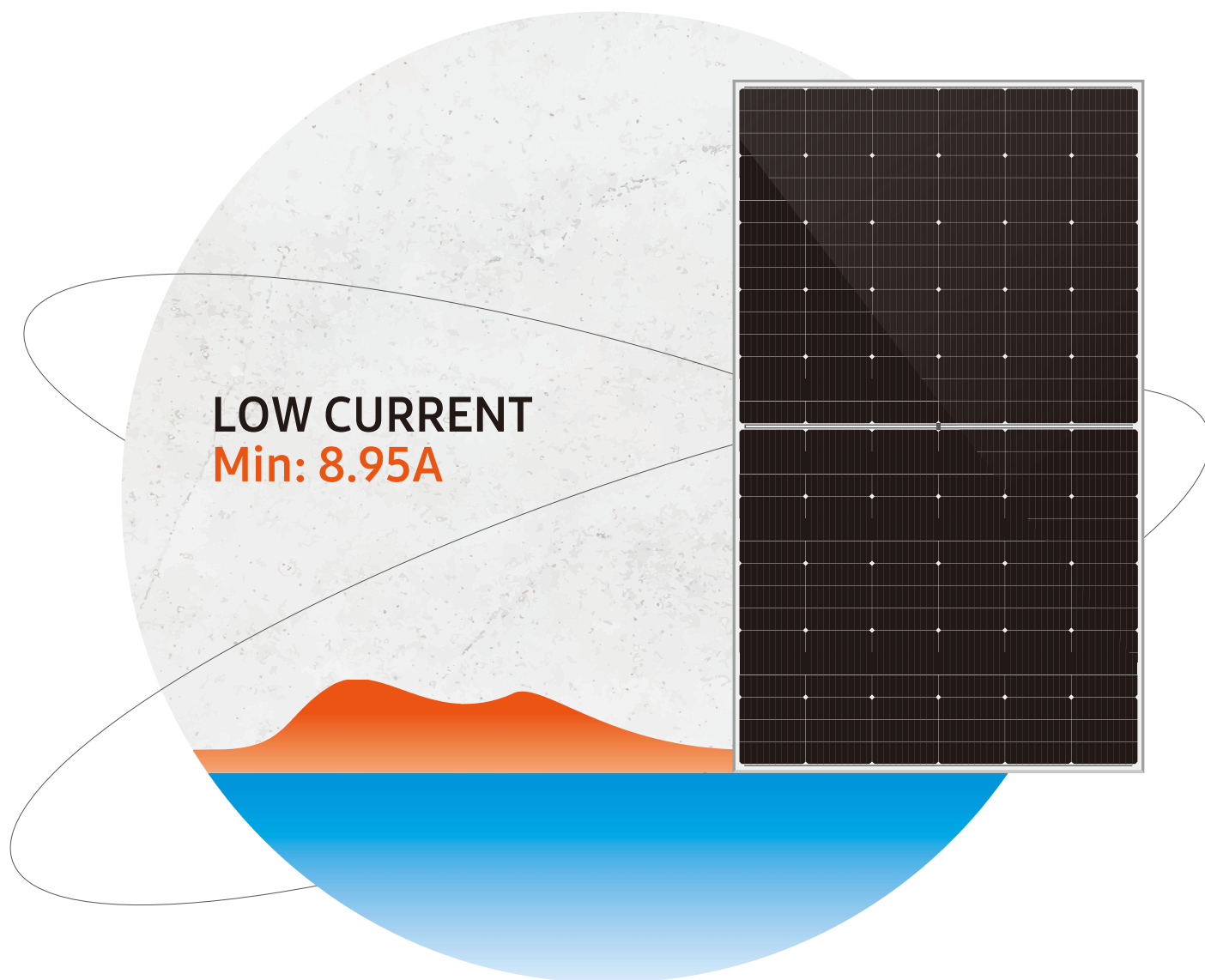
DHT-M60X10 430~460W^{0~+5W}

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

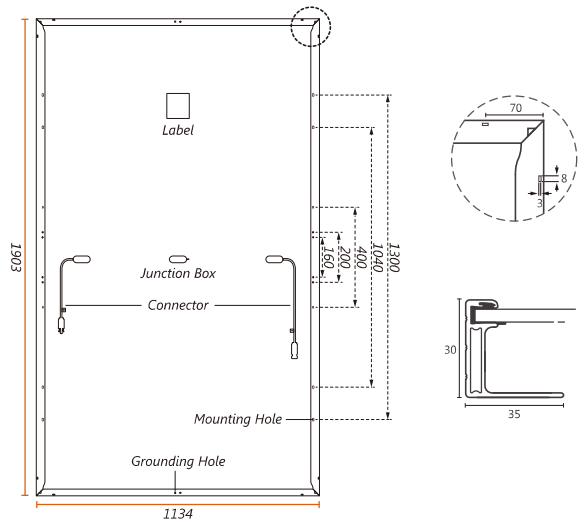
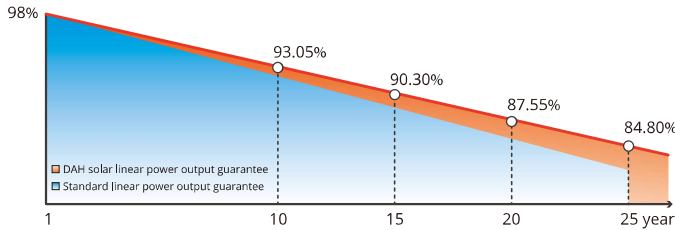
IEC 61215 / IEC 61730 / CE / INMETRO
OHSAS 18001-
2007/International standards for occupational health & safety
ISO 14001-
2015/Standards for environmental management system
ISO 9001-
2015/Quality management system



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 **35pcs/pallet, 840pcs/40HQ**



Mechanical Specification

Output Cable 4.0mm², 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/m², 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/m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

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

