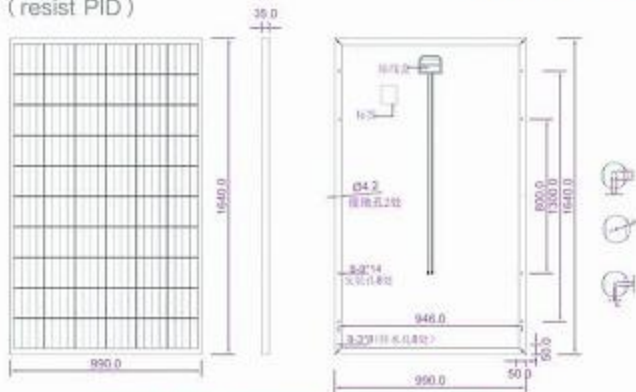


# DHM60

单晶太阳能光伏组件(抗PID)

Monocrystalline solar photovoltaic module (resist PID)

60/255W-280W  
M156x156



## 可靠的质量 RELIABLE QUALITY

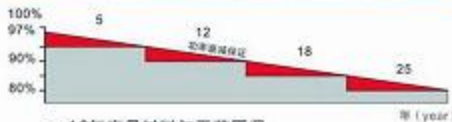
- 0~±5W正公差输出保证  
Positive power tolerance: 0~±5W
- 产品100%两次EL全检, 有效排除产品缺陷  
100% EL comprehensive inspection ensures effectively eliminate defects

## 产品特性 KEY FEATURES

- 高效单晶组件使用于商业或家庭并网电站项目  
Efficient polycrystalline components used in commercial or home grid power station project
- 高输出功率, 最高组件效率可达17.25%  
High output, 16.51% highest conversion efficiency
- 优异的弱光发电性能(早晨、傍晚、阴雨天)  
Excellent power performance even in low-light environments
- 组件抗压能力强, 能承受2400帕的风压和5400帕的雪压  
Excellent mechanical load resistance: Certified to withstand high wind loads(2400Pa) and snow loads(5400Pa)
- 良好的抗盐雾, 抗氨气腐蚀性能力, 全系列组件通过TUV北德测试  
Good resistance to salt spray, ammonia corrosion resistance, full range of components through TUV test

- 通过严格的PID测试(85%RH, 85°C, 1500V, 96Hr)  
Passed shvict test (85%RH, 85°C, 1500V, 96hr)
- 三重抗PID技术; 功率输出在第三十年不低于83%  
Triple anti-PID technology, the power output not less than 83% in the first 30 years
- 优化组件电流分档, 提高系统发电量  
Modules binned by current to improve system performance
- 优异的抗电诱导衰减性能(PID Resistant)  
Potential Induced Degradation(PID) Resistant

## 一流的质保 SUPERIOR WARRANTY



- 10年产品材料与工艺质保  
10-year product warranty
- 25年线性功率输出质保  
25-year linear power output warranty



## 组件规格 MECHANICAL SPECIFICATION

电池片型号 Cell Type	单晶156X156毫米 Mono-crystalline 156X156mm
电池片数量 Number of cells	60(6X10)
尺寸 Dimensions (AxBXC)	1640X990X35mm
重量 Weights	19kg
玻璃 Front Glass	3.2毫米低铁钢化玻璃 3.2mm tempered low iron glass
框架 Frame	阳极氧化铝合金 Clear anodized aluminum alloy
接线盒 JunctionBox	IP67, 带旁路二极管 Ip65, with bypass diodes
接头 Connector	Mc4 Mc4 compatible
输出电缆 Output Cables	TUV 长度900毫米, 4.0平方毫米 TUV length 900mm, 4.0mm²

## 电性能参数 ELECTRICAL CHARACTERISTICS

STC测试条件下最大功率 Manimum Power at STC(P <sub>max</sub> )	255	260	265	270	275	280
最大功率电压 Maximum Power Voltage (V <sub>mpp</sub> )	30.8V	30.9V	31.2V	31.4V	31.6V	31.9V
最大功率电流 Maximum Power Current (I <sub>mpp</sub> )	8.28A	8.42A	8.50A	8.60A	8.70A	8.78A
开路电压 Open Circuiot Voltage(V <sub>oc</sub> )	37.8V	37.9V	38.2V	38.4V	38.5V	38.8V
短路电流 Short Circuiot Current(I <sub>sc</sub> )	8.96A	9.10A	9.19A	9.28A	9.40A	9.62A
封装电池效率 Encapsulated Cell Efficiency	17.60%	18.00%	18.40%	18.70%	19.00%	19.30%
组件效率 Module Efficiency	15.71%	16.01%	16.32%	16.63%	16.94%	17.25%
输出功率公差 Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%

## 系统交互作用参数 SYSTEM INTEGRATION PAAME TERS

最大系统电压 Maximum system voltage	DC1000V
最大系列保险丝 Maximum series Fuse	12A
新增雪压(参考IE61215) Increased snow load according to IEC61215	5400Pa
工作温度 Operating Temperature	-40to+85°C
旁路二极管数量 Number of bypass diodes	3or3

## 包装结构 PACKING CONFIGURATION

集装箱 Container	20尺柜	40尺柜
每托盘组件数 Pieces per pallet	30	30
每个集装箱托盘数 Pallets per container	14	28
每个集装箱组件数 Pieces per container	400	840

## 温度特性 TEMPERATURE CHARACTERISTICS

正常工作的电池片的温度 Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
最大功率的温度系数 Temperature Coefficient of P <sub>max</sub>	-0.44%/°C
开路电压的温度系数 Temperature Coefficient of V <sub>oc</sub>	-0.34%/°C
短路电流温度系数 Temperature Coefficient of I <sub>sc</sub>	0.06%/°C

STC:AM1.5 辐照度1000W/m<sup>2</sup> 组件温度 25°C

