



DMS430-144

High efficiency & low attenuation 高效率&低衰减

- Module power positive tolerance +5W 组件功率正公差+5W
- Module conversion efficiency is as high as 20.93% 组件转换效率高达 20.93%

Excellent product performance 产品性能优异

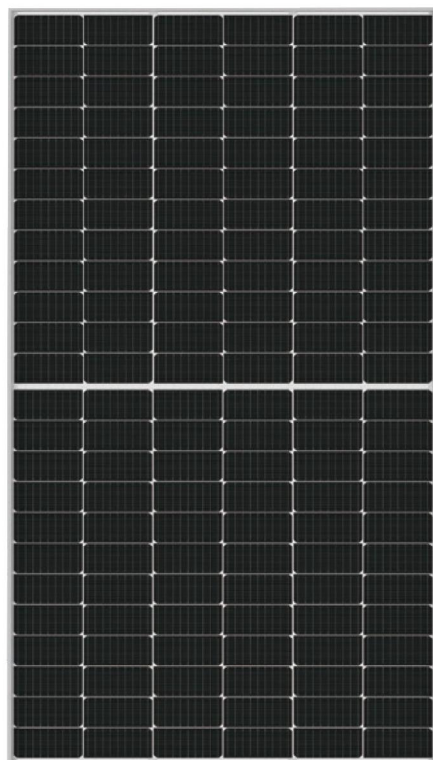
- Excellent low-irradiation performance 优异的低辐照性能
- The best choice for large-scale photovoltaic power plants and photovoltaic distributed projects 大型光伏电站和光伏分布式项目的最佳选择

Strict quality assurance 严格的质量保障

- The components have passed the TUV certification of anti-PID(Anti-potential induced attenuation performance) 组件通过了TUV认证的抗PID(抗电势诱导衰减性能)
- 100% EL detection 100% EL检测

Adapt to multiple environments 适应多种环境

- Passed the salt spray and ammonia environment test certification 通过了盐雾和氨气环境测试认证
- The components can withstand 5400pa snow pressure and 2400pa wind pressure 组件可承受5400pa雪压和2400pa风压



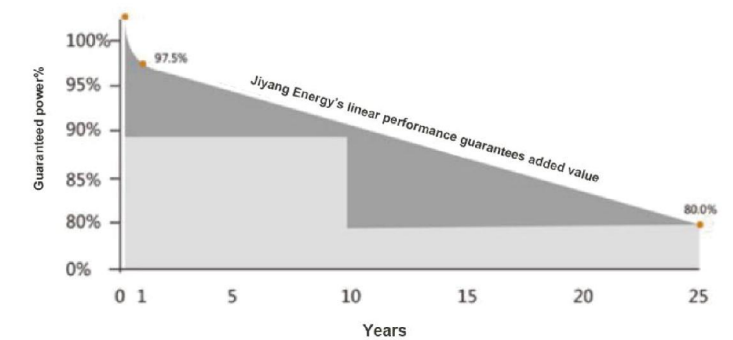
Superior Warranty 高级保修

12-year product warranty 12年产品保修

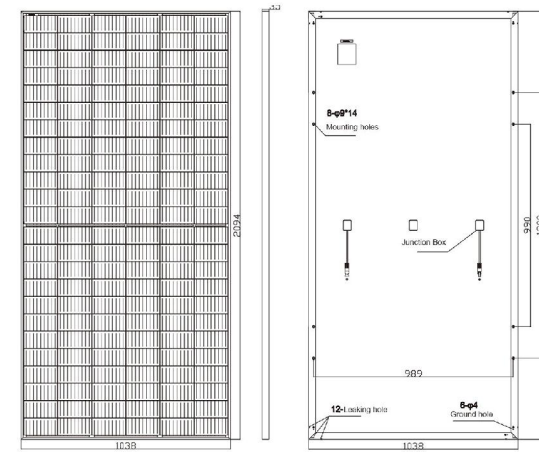
25-year linear power output warranty 25年线性功率输出保修

0.55% Annual Degradation Over 25years

25年内每年退化0.55%



Component size 组件尺寸



Mechanical parameters 机械参数

Cell type 电池片类型	Monocrystalline 单晶
Number of cells 电池片数量	144 pcs(6*24)
size 尺寸	2094x1038x35mm
weight 重量	23.5kg
Packaging Information 包装信息	30pcs/tow 30块/拖
	720pcs/13mcar 720块/13米车
	960pcs/17.5mcar 960块/17.5米车
	280pcs/20GP 280块/20GP 660pcs/40HQ 660块/40HQ

Electrical performance parameters 电性能参数

Model 型号	FMS430M6-144	FMS435M6-144	FMS440M6-144	FMS445M6-144	FMS450M6-144	FMS455M6-144
Maximum power 最大功率 Pm(W)	430	435	440	445	450	455
Open circuit voltage 开路电压 Voc(V)	48.5	48.7	48.9	49.1	49.3	49.5
Short circuit current 短路电流 Isc(A)	11.31	11.39	11.46	11.53	11.6	11.66
Maximum power voltage 最大功率电压 Vmp(V)	40.7	40.9	41.1	41.3	41.5	41.7
Maximum power current 最大功率电流 Imp(A)	10.57	10.64	10.71	10.78	10.85	10.92

STC; Irradiance 1000W/m², battery temperature 25°C, air quality 1.5 STC: 辐照度 1000W/m², 电池温度 25°C, 大气质量 1.5

Temperature Coefficient 温度系数

Rated battery operating temperature 额定电池工作温度 (NOCT)	45±2°C
Maximum power temperature coefficient 最大功率温度系数 (%/C)	-0.35
Open circuit voltage temperature coefficient 开路电压温度系数 (%/C)	-0.27
Short-circuit current temperature coefficient 短路电流温度系数 (%/C)	0.048

Conditions of Use 使用条件

Conditions of Use 工作温度	-40~+85°C
storage temperature 存储温度	-40~+85°C
Maximum rated current of fuse 最大保险丝额定电流	20A
Maximum system voltage 最大系统电压	DC1500V