

FS-Ba-1 Series 60 Cells All Black (250W-265W)

Ba-1系列60片三栅黑色单晶组件(250W-265W)



265W 通过高水平生产工艺, 获得组件功率最高至265W
Excellent module power up to 265W

5% 0~+5%功率输出
0~+5% power output

Weak light 弱光发电能力优异
Outstanding low irradiance performance

PID-FREE PID free 组件
抗PID封装材料技术
抗PID电池技术
PID free module
Anti-PID material
Anti-PID cell technology

IP67 使用防水等级IP67接线盒, 保证长期的系统可靠性
IP67 waterproof junction box for long-term weather endurance

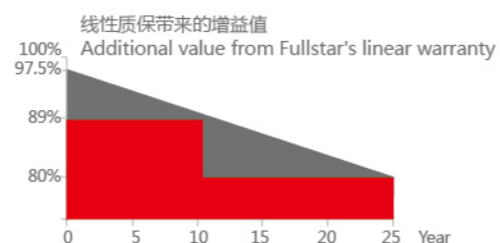
5400Pa 组件通过2400帕风压和5400帕雪压测试
Wind load up to 2400 Pa and heavy snow load up to 5400 Pa

- 通过ISO 9001质量管理体系认证 和 ISO 14001环境管理体系认证
- OHSAS 18001 职业健康和安全生产标准
- 取得IEC 61215 和 IEC 61730 A等级证书
- 符合CE的要求

- ISO 9001 Quality management system certificate
- ISO 14001 Environmental management system certificate
- international standards for occupational health and safety
- IEC 61215 and IEC 61730 A level certificate
- CE certified

- 更低的年度功率衰减和更好的可靠性
- 第一年功率衰减2.5%, 之后每年功率衰减0.7%
- 25年保证功率输出80%以上。

- Lower annual power attenuation and higher reliability
- First year power attenuation 2.5% and annual power attenuation of 0.7% afterwards
- Over 80% power output warranty for 25 years



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电气参数 ELECTRICAL DATA	FS-Ba250M	FS-Ba255M	FS-Ba260M	FS-Ba265M
	STC	STC	STC	STC
最大功率 Max. Power(Pmax)	250W	255W	260W	265W
最大功率时的工作电流 Opt. Operating Current (Imp)	7.93A	8.03A	8.12A	8.22A
最大功率时的工作电压 Opt. Operating Voltage (Vmp)	31.54V	31.78V	32.02V	32.25V
短路电流 Short Circuit Current (Isc)	8.70A	8.72A	8.74A	8.76A
开路电压 Open Circuit Voltage (Voc)	38.35V	38.4V	38.45V	38.50V
组件转换效率 Module Efficiency	15.6%	15.9%	16.2%	16.5%
组件功率公差 Module Power Tolerance	0/+5%			
组件工作温度 Operating Temperature	-40°C~+85°C			
最大系统电压 Max. System Voltage	1000VDC(IEC)			
最大额定熔丝电流 Max. Nominal Fuse Current	20A			
应用等级 Application Level	A			

STC(标准测试环境): 辐照度 1000 W/m², 组件温度 25 °C, AM 1.5 Irradiance 1000 W/m², Module temperature 25 °C, AM 1.5
NOCT(电池标称工作温度): 辐照度 800 W/m², 组件温度 20 °C, AM 1.5, 风速1 m/s Irradiance 800 W/m², Module temperature 20 °C, AM 1.5, wind speed 1 m/s

温度参数 TEMPERATURE CHARACTERISTICS	
额定电池工作温度 Nominal Operating Cell Temperature	45±2°C
最大功率的温度系数 Temperature Coefficient (Pmax)	-0.410%/°C
开路电压的温度系数 Temperature Coefficient (Voc)	-0.340%/°C
短路电流的温度系数 Temperature Coefficient (Isc)	+0.049%/°C

机械参数 MECHANICAL DATA	
电池片类型 Cell Type	156 × 156 mm单晶硅电池片 (6 inches) 156x156mm Mono crystalline, 6 inches
电池片数量 Cell Arrangement	60 (6 × 10)
组件尺寸 Dimensions	1640 × 992 × 35mm (64.6 × 39.1 × 1.4 inches)
重量 Weight	18.2kgs (40.1 lbs.)
前板玻璃 Front Cover	3.2 mm (0.13 inches) 钢化玻璃 tempered glass
边框 Frame Material	阳极氧化铝铝合金 Anodized aluminium alloy
接线盒 J-Box	IP67 等级(3个二极管)IP67, 3 diodes
线缆 Cable	TUV (2Pfg1169:2007) 4.0 mm ² (0.006 inches ²), (-) 1000mm (39.4 inches) and (+) 1000 mm (39.4 inches)
连接器 Connector	PV-ZH202

低辐照度下的性能表现 PERFORMANCE AT LOW IRRADIANCE

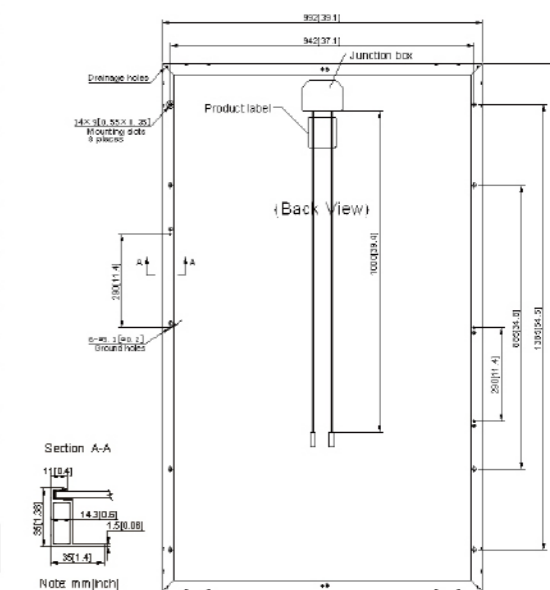
行业领先的低辐照度条件下的性能, 辐照度200W/m²的组件效率是辐照度1000W/m²组件效率的96.5%以上。

Industry leading performance at low irradiance, +96.5 % module efficiency from an irradiance of 1000 W/m² to 200 W/m² (AM 1.5, 25°C).

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工程制图 ENGINEERING DRAWING



电流—电压曲线和功率—电压曲线 I-V CURVES OF PV MODULE

