

Mono BLUE 3.0

530~550W

组件特性



高效

领先掺杂PERC技术的运用, 转换效率最高至21.29%, 首年衰减 $\leq 2\%$



弱光性能

玻璃和电池表面处理技术的运用, 使组件在弱光环境下仍获得优异的性能



高可靠性

CNAS认可、TUV和VDE认证的实验室内部测试, 严格的质量管控确保组件的高可靠性



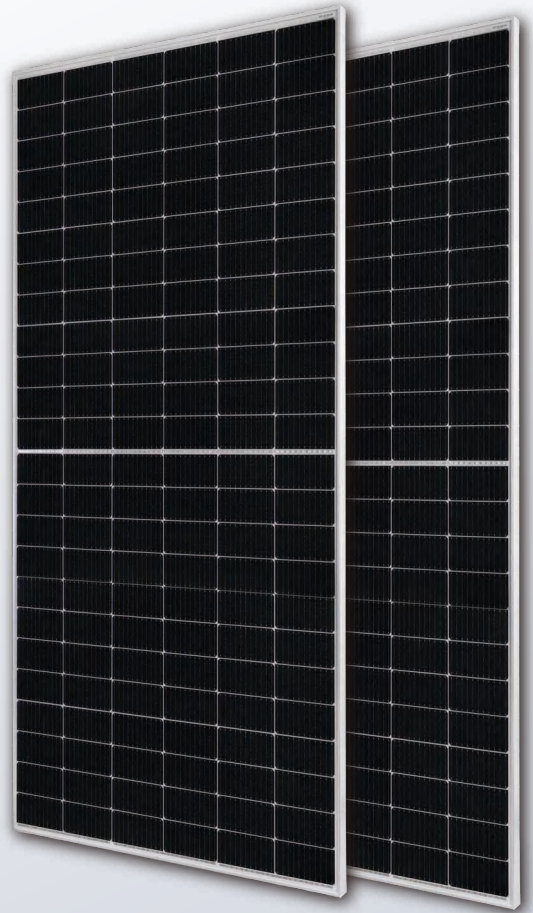
机械载荷强化设计

尖端设计, 使组件通过5400Pa正面雪载荷和2400Pa风载荷认证

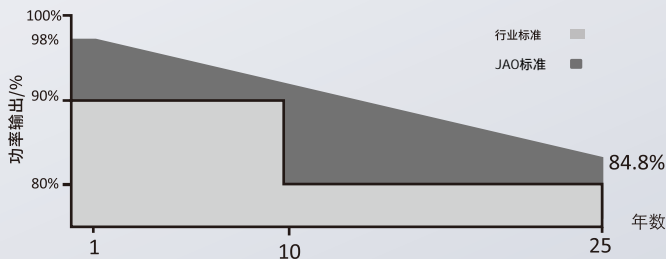


优异的抗PID表现

创新的电池技术, 使组件免于电势差所诱发的衰减



单晶组件线性功率保证



12年产品质保

25年线性功率质保

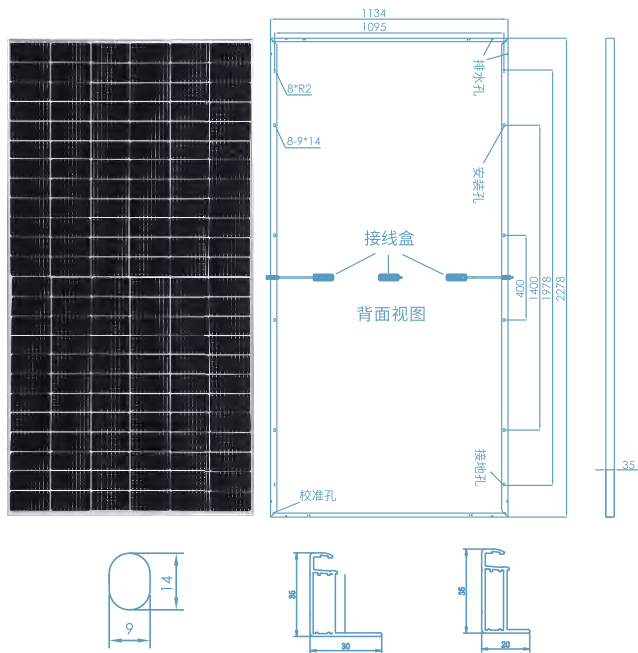




555W MBB Half-cell Module

JAO530-555-DE21M(17) Series

组件尺寸



尺寸参数 SPECIFICATIONS

Cell	Mono
Weight	28.1kg
Dimensions	2278±2mm×1134±2mm×35±1mm
Cable Cross Section Size	4mm ² (IEC) , 12 AWG(UL)
No. of cells	144(6×24)
Junction Box	IP68, 3 diodes
Connector	MC4-EVO2/ QC 4.10-35
Cable Length (Including Connector)	Portrait: 300mm(+)/400mm(-); Landscape: 1300mm(+)/1300mm(-)
Packaging Configuration	31pcs/Pallet 620Pcs/40HQ Container

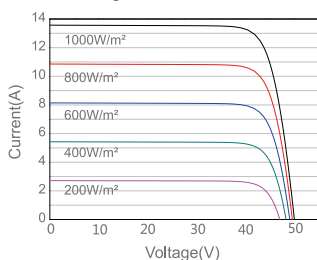
ELECTRICAL PARAMETERS AT STC

TYPE	JAO530 -DE21M(17)	JAO535 -DE21M(17)	JAO540 -DE21M(17)	JAO545 -DE21M(17)	JAO550 -DE21M(17)	JAO555 -DE21M(17)
Rated Maximum Power(Pmax) [W]	530	535	540	545	550	555
Open Circuit Voltage(Voc) [V]	49.30	49.45	49.60	49.75	49.90	50.02
Maximum Power Voltage(Vmp) [V]	41.31	41.47	41.64	41.80	41.96	42.11
Short Circuit Current(Isc) [A]	13.72	13.79	13.86	13.93	14.00	14.07
Maximum Power Current(Imp) [A]	12.83	12.90	12.97	13.04	13.11	13.18
Module Efficiency [%]	20.5	20.7	20.9	21.1	21.3	21.5
Power Tolerance	0~+5W					
Temperature Coefficient of Isc(α_{Isc})	+0.045%/°C					
Temperature Coefficient of Voc(β_{Voc})	-0.275%/°C					
Temperature Coefficient of Pmax(γ_{Pmp})	-0.350%/°C					
STC	Irradiance 1000W/m ² , cell temperature 25°C, AM1.5G					

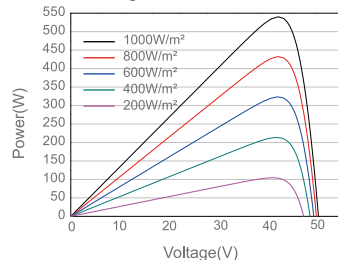
Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

CHARACTERISTICS

Current-Voltage Curve JAO540-DE21M(17)



Power-Voltage Curve JAO540-DE21M(17)



Current-Voltage Curve JAO540-DE21M(17)

