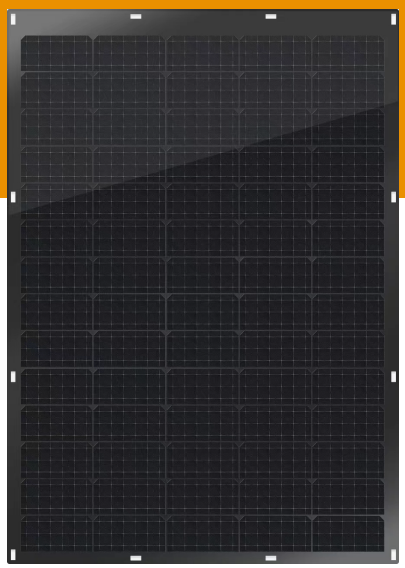
SUNKET® - Solar

200~205 Watt

SKT 200~205M10-48D3

200~205瓦单晶光伏柔性组件

182mm 70Cells PV Module



Electrical Characteristics 电气特性

组件型号	Module Type	SKT 200~205M10-48D3			
		STC	NMOT	STC	NMOT
额定功率	Maximum Power- Pmax(W)	200	145	205	149
开路电压	Open Circuit Voltage - Voc(V)	23.90	22.00	24.10	22.20
短路电流	Short- Circuit Current - Isc(A)	10.65	8.58	10.81	8.71
工作电压	Voltage at Pmax -Vmp(V)	19.80	18.30	20.00	18.50
工作电流	Current at Pmax - Imp(A)	10.11	7.93	10.25	8.06
组件效率	Module Efficiency -ηm(%)	17.50	/	17.90	/
功率公差	Power Tolerance(W)	0, +5W			
最高系统电压	Maximum System Voltage(V)	700Vdc (IEC / UL)			
最大额定熔断电流	Maximum Series Fuse Rating (A)	15A			

STC : Irradiance 1000W/m², Cell Temperature 25℃, AM 1.5

STC : 光照强度1000W/m², 组件温度25℃, 组件温度 1.5

NMOT : Irradiance 800W/m², Ambient temperature 20℃, Wind Speed 1m/s

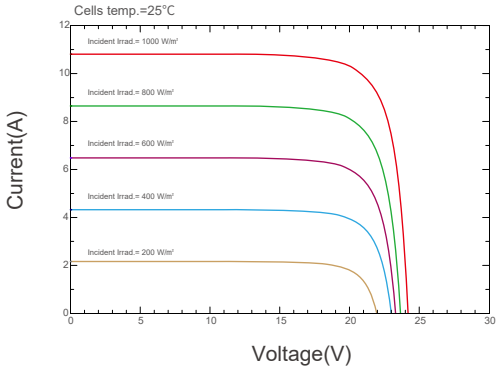
NMOT : 辐照度 800W/m², 环境温度 20℃, 风速 1m/s

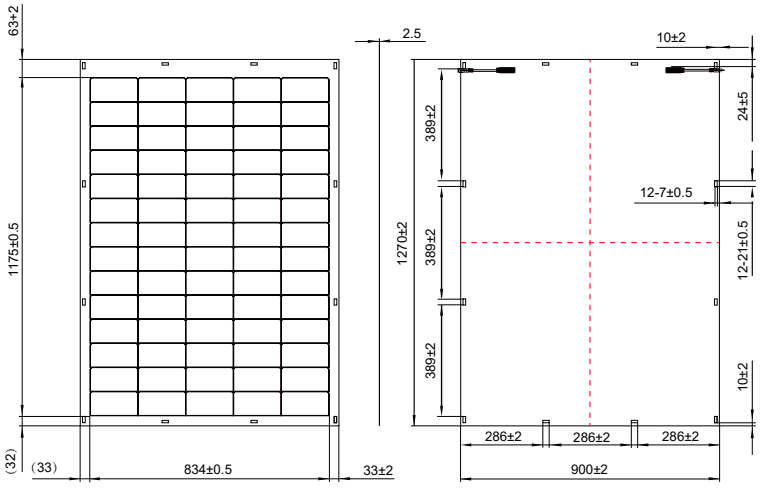
Mechanical Specifications 结构特性

组件尺寸	External Dimensions	1270*900*2.5mm
重量	Weight	3.4kg
电池	Solar Cells	Mono crystalline 166x83mm (5x14pcs)
背面材料	Back Material	BackSheet (black)
边框	Frame	/
接线盒	Junction Box	IP68
输出导线	Output Cables	Length can be customized
连接器	Connector	MC4 Compatible

Temperature Characteristics 温度特性

最高功率温度系数	Pmax Temperature Coefficient	-0.360%/°C
开路电压温度系数	Voc Temperature Coefficient	-0.280%/°C
短路电流温度系数	Isc Temperature Coefficient	+0.060%/°C
光伏组件工作温度	Operating Temperature	-40~+85°C
额定工作电池片温度	Nominal Operating Cell Temperature(NMOT)	43±2°C





 ©Copyright 2025 Sunket