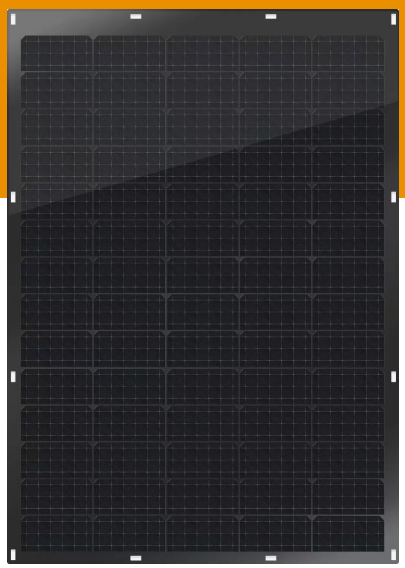
SUNKET® - Solar

200~205 Watt

SKT 200~205M10-48D3

182mm 70Cells PV Module



Electrical Characteristics

Module Type	SKT 200~205M10-48D3			
	STC	NMOT	STC	NMOT
Maximum Power- Pmax(W)	200	145	205	149
Open Circuit Voltage - Voc(V)	23.90	22.00	24.10	22.20
Short- Circuit Current - Isc(A)	10.65	8.58	10.81	8.71
Voltage at Pmax -Vmp(V)	19.80	18.30	20.00	18.50
Current at Pmax - Imp(A)	10.11	7.93	10.25	8.06
Module Efficiency -ηm(%)	17.50	/	17.90	/
Power Tolerance(W)	0, +5W			
Maximum System Voltage(V)	700Vdc (IEC / UL)			
Maximum Series Fuse Rating (A)	15A			

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

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

Mechanical Specifications

External Dimensions	1270*900*2.5mm
Weight	3.4kg
Solar Cells	Mono crystalline 166x83mm (5x14pcs)
Back Material	BackSheet (black)
Frame	/
Junction Box	IP68
Output Cables	Length can be customized
Connector	MC4 Compatible

Temperature Characteristics

Pmax Temperature Coefficient	-0.360%/℃
Voc Temperature Coefficient	-0.280%/℃
Isc Temperature Coefficient	+0.060%/℃
Operating Temperature	-40~+85℃
Nominal Operating Cell Temperature(NMOT)	43±2℃

