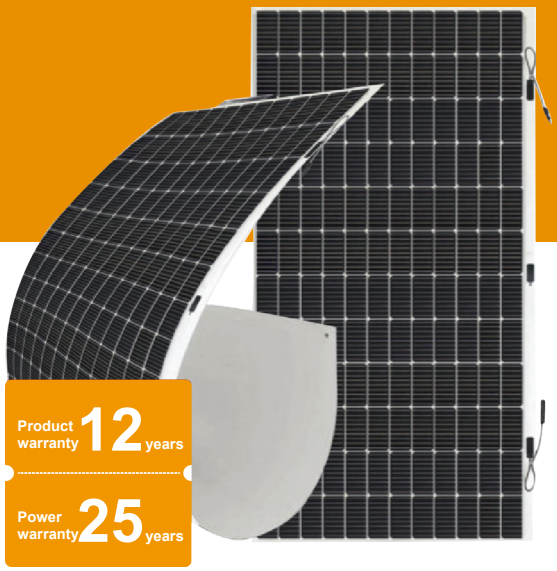
SUNKET® - Solar

500~520 Watt

SKT 500~520M10-132S1

182mm 132Cells PV Module



Electrical Characteristics

Module Type	SKT 500~520M10-132S1		
	STC	STC	STC
Maximum Power- Pmax(W)	500	510	520
Open Circuit Voltage - Voc(V)	47.94	48.18	48.42
Short- Circuit Current - Isc(A)	13.68	13.81	13.87
Voltage at Pmax -Vmp(V)	38.67	39.08	39.58
Current at Pmax - Imp(A)	12.93	13.06	13.14
Module Efficiency -ηm(%)	19.93	20.33	20.73
Power Tolerance(W)	0, +5W		
Maximum System Voltage(V)	1000Vdc (IEC / UL)		
Maximum Series Fuse Rating (A)	20A		

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

Mechanical Specifications

External Dimensions	2260x1110x2.5mm
Weight	7.5kg
Solar Cells	N-Type 16BB 182mm (11x12pcs)
Frame	/
Junction Box	IP68
Output Cables	4mm²,300mm,length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 2400Pa
Module Operating Temperature Range	-40°C~+85°C

Temperature Characteristics

Pmax Temperature Coefficient	-0.260%/°C
Voc Temperature Coefficient	-0.240%/°C
Isc Temperature Coefficient	+0.040%/°C
Nominal Operating Cell Temperature	44±2°C

- High flexibility, fit allkinds of roofing
- Convenient installationand transportation, saving a lot of costs
- Lead-free environmental protection, green photovoltaic concept
- Light weight ultra-thindesign to meet projectneeds
- It can be customizedto meet various scenarios
- High reliability in harsh environment testing

CB TÜV SÜD ISO CQC

