

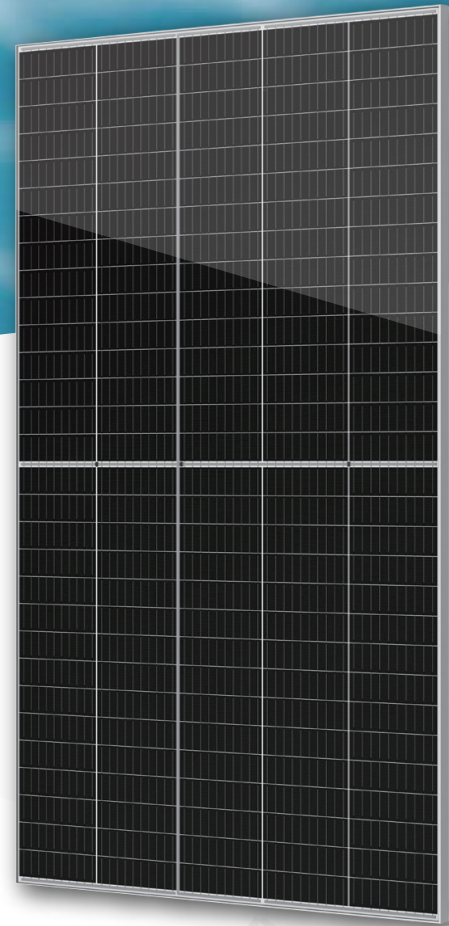


SpolarPV
Easy Invest, More Returns

SPHM6-50L 490-505 Watt

MONO CRYSTALLINE MODULE

- SP490HM6-50L
- SP495HM6-50L
- SP500HM6-50L
- SP505HM6-50L



21.1 %
Module efficiency

12
years

Product warranty

505 W
Highest power output

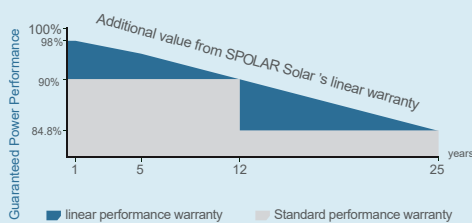
25
years

Linear power warranty

0 ~ +5W
Positive power tolerance

Key Features

Linear Performance Warranty



High Efficiency

Higher module conversion efficiency benefit from Passivated Emitter Rear Contact (PERC) technology.



PID Resistant

Excellent Anti-PID performance guarantee limited power degradation for mass production.



Low-light Performance

Advanced glass and cell surface texture design ensure excellent performance in low light environment.



Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability against extreme environmental conditions

High salt mist and ammonia resistance.



ISO9001:2016 ISO14001:2016
OHSAS18001:2011 certified factory.
IEC61215 IEC61730 certified products.



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Electrical Characteristics at Standard Test Conditions(STC)

Module Type	SP490HM6-50L	SP495HM6-50L	SP500HM6-50L	SP505HM6-50L
Maximum Power -Pmax (W)	490	495	500	505
Maximum Power Voltage - Vmp (V)	42.4	42.6	42.8	43.0
Maximum Power Current - Imp (A)	11.56	11.63	11.69	11.75
Open-circuit Voltage - Voc (V)	51.3	51.5	51.7	51.9
Short-circuit Current - Isc (A)	12.14	12.21	12.28	12.35
Module Efficiency STC (%)	20.5%	20.7%	20.9%	21.1%

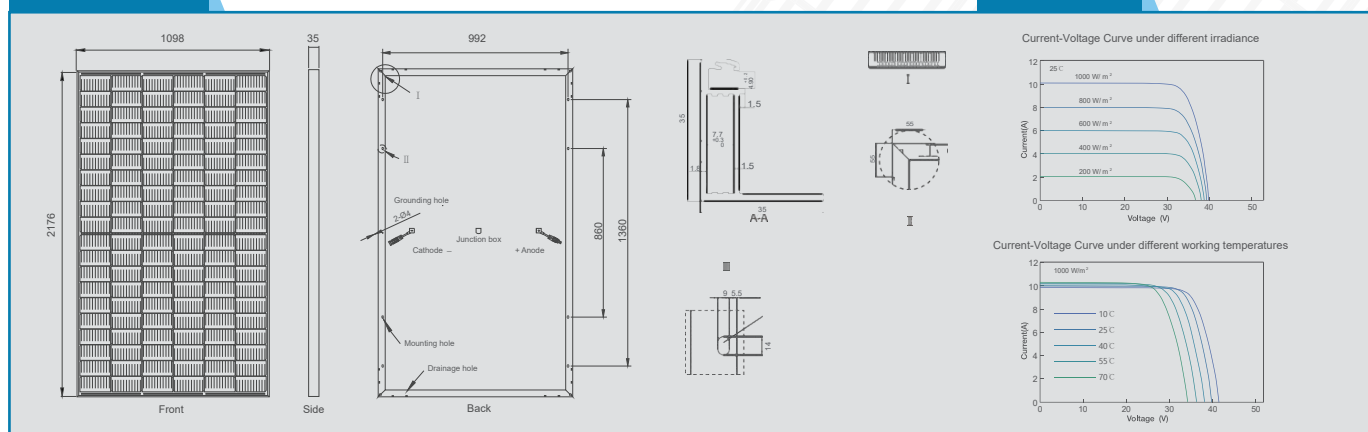
Electrical Characteristics at Normal Operating Cell Temperature(NOCT)

Module Type	SP490HM6-50L	SP495HM6-50L	SP500HM6-50L	SP505HM6-50L
Maximum Power -Pmax (W)	371	375	379	382
Maximum Power Voltage - Vmp (V)	40.0	40.2	40.4	40.6
Maximum Power Current - Imp (A)	9.26	9.32	9.37	9.43
Open-circuit Voltage - Voc (V)	48.4	48.6	48.8	49.0
Short-circuit Current - Isc (A)	9.77	9.83	9.89	9.94
Power tolerance	0~+5W	Operating Temperature(°C)		-40 C ~+85 C
Temperature coefficients of Pmax	-0.34%/C	Maximum system voltage		1500V
Temperature coefficients of Voc	-0.25%/C	Maximum series fuse rating		20A
Temperature coefficients of Isc	0.04%/C	Nominal operating cell temperature		45±2 C

Mechanical Characteristics

Cell Type	Mono-crystalline PERC 210×210mm
No.of cells	50
Dimensions	2176×1098×35mm
Weight	26.3 kg
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	1×4.0mm ² , Length:300mm or Customized Length
Packaging Configuration	31pcs/pallet , 62pcs/stack, 620pcs/40'HQContainer (Two pallets=One stack)

Dimensions



*The company reserves the final right for explanation on any of the information presented hereby.