

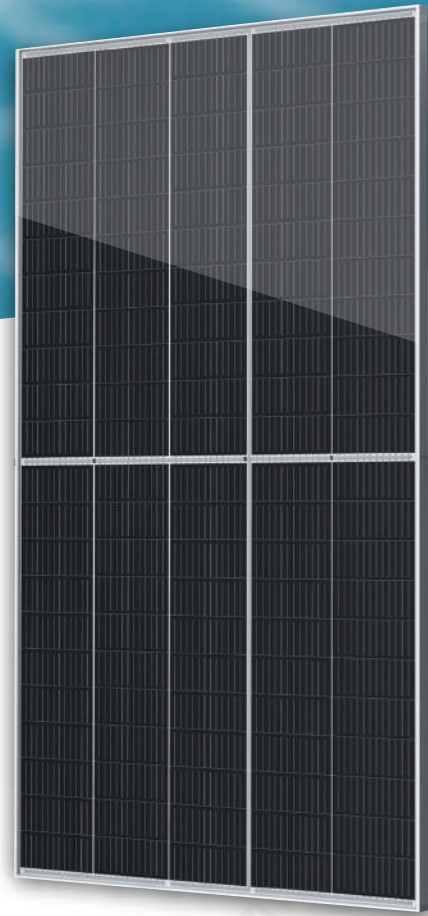


**SpolarPV**  
Easy Invest, More Returns

# SPHM6-55L 535-555 Watt

## MONO CRYSTALLINE MODULE

- SP535HM6-55L
- SP545HM6-55L
- SP555HM6-55L
- SP540HM6-55L
- SP550HM6-55L



**21.2%**  
Module efficiency

**12**  
years

Product warranty

**555 W**  
Highest power output

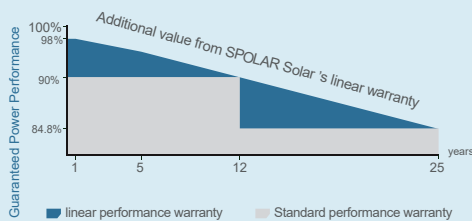
**25**  
years

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	SP535HM6-55L	SP540HM6-55L	SP545HM6-55L	SP550HM6-55L	SP555HM6-55L
Maximum Power -Pmax (W)	535	540	545	550	555
Maximum Power Voltage - Vmp (V)	31.00	31.20	31.40	31.60	31.80
Maximum Power Current - Imp (A)	17.28	17.33	17.37	17.40	17.45
Open-circuit Voltage - Voc (V)	37.30	37.50	37.70	37.90	38.10
Short-circuit Current - Isc (A)	18.36	18.41	18.47	18.52	18.56
Module Efficiency STC (%)	20.5%	20.7%	20.9%	21.0%	21.2%

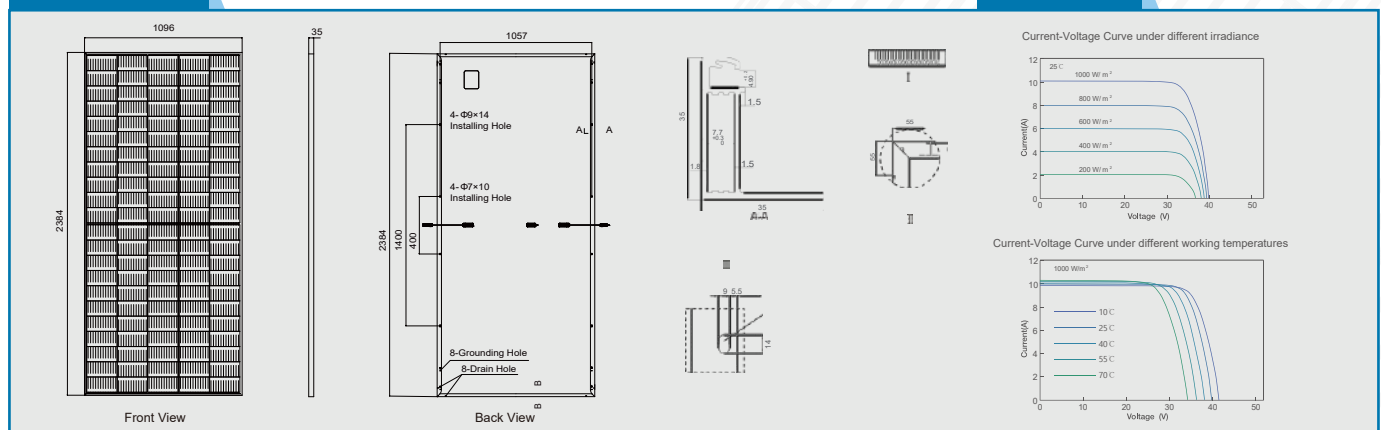
## Electrical Characteristics at Normal Operating Cell Temperature(NOCT)

Module Type	SP535HM6-55L	SP540HM6-55L	SP545HM6-55L	SP550HM6-55L	SP555HM6-55L
Maximum Power -Pmax (W)	405	409	413	417	420
Maximum Power Voltage - Vmp (V)	28.80	29.00	29.20	29.30	29.50
Maximum Power Current - Imp (A)	14.06	14.10	14.15	14.19	14.23
Open-circuit Voltage - Voc (V)	35.10	35.30	35.50	35.70	35.90
Short-circuit Current - Isc (A)	14.80	14.84	14.88	14.92	14.96
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		30A
Temperature coefficients of Isc	0.04%/C		Nominal operating cell temperature		45±2 C

## Mechanical Characteristics

Cell Type	Mono-crystalline PERC 210×105mm
No.of cells	55
Dimensions	2384×1096×35mm
Weight	28.6 kg
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	1×4.0mm <sup>2</sup> , Length:300mm or Customized Length
Packaging Configuration	31pcs/pallet , 620pcs/40'HQContainer

## Dimensions



## IV-Curves