

SPHM6-40L 395-410 Watt

MONO CRYSTALLINE MODULE

- SP395HM6-40L
- SP400HM6-40L
- SP405HM6-40L
- SP410HM6-40L



SpolarPV
Easy Invest, More Returns



21.20%

Module efficiency



Product warranty

410 W

Highest power output



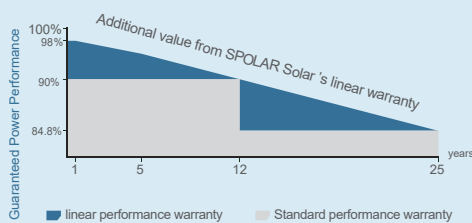
Linear power warranty

0 ~ +5W

Positive power tolerance

Key Features

Linear Performance Warranty



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

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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.



Electrical Characteristics at Standard Test Conditions(STC)

Module Type	SP395HM6-40L	SP400HM6-40L	SP405HM6-40L	SP410HM6-40L
Maximum Power -Pmax (W)	395	400	405	410
Maximum Power Voltage - Vmp (V)	22.52	22.72	22.92	23.12
Maximum Power Current - Imp (A)	17.54	17.61	17.67	17.74
Open-circuit Voltage - Voc (V)	27.02	27.26	27.50	27.74
Short-circuit Current - Isc (A)	18.63	18.71	18.80	18.90
Module Efficiency STC (%)	20.40%	20.70%	20.90%	21.20%

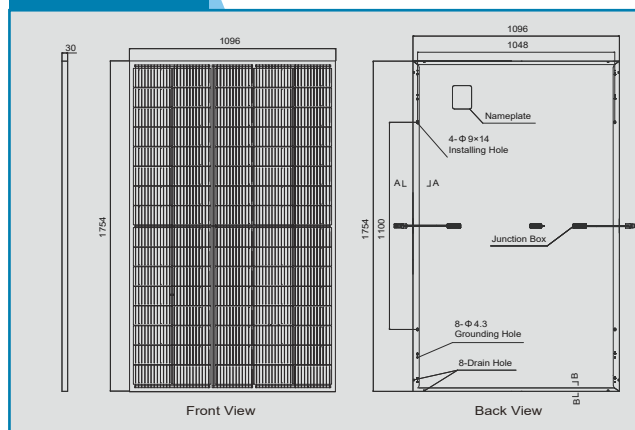
Electrical Characteristics at Normal Operating Cell Temperature(NOCT)

Module Type	SP395HM6-40L	SP400HM6-40L	SP405HM6-40L	SP410HM6-40L
Maximum Power -Pmax (W)	299.4	303.2	307.0	310.9
Maximum Power Voltage - Vmp (V)	20.91	21.10	21.28	21.47
Maximum Power Current - Imp (A)	14.32	14.37	14.42	14.48
Open-circuit Voltage - Voc (V)	25.12	25.35	25.57	25.79
Short-circuit Current - Isc (A)	15.22	15.28	15.32	15.44
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		43±2 C

Mechanical Characteristics

Cell Type	Mono-crystalline PERC 210×105mm
No.of cells	80
Dimensions	1754×1096×30mm
Weight	21.5 kg
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Output Cables	1×4.0mm ² , Length:350mm
Packaging Configuration	36pcs/pallet , 72pcs/stack, 936pcs/40'HQContainer (Two pallets=One stack)

Dimensions



IV-Curves

