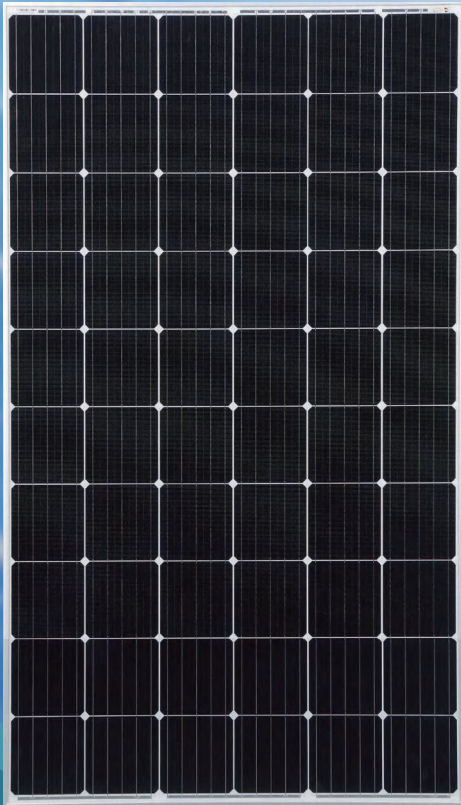




SpolarPV
Easy Invest, More Returns



19.55 %

Module efficiency

320 W

Highest power output



Product warranty



Linear power warranty

SPV320-PM2-60

310-320Watt



High Efficiency

Higher power conversion efficiency benefited from advanced Passivated Emitter and Rear Cell (PERC) technology.



Anti-reflection

Less than 20% reflectivity with minimum glare.



Low-light Performance

Certified to withstand: wind load (2400 Pa), snow load (5400 Pa) and hail strike.



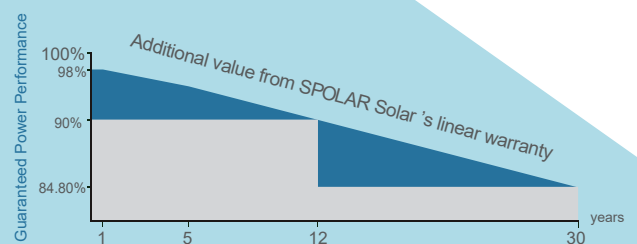
Severe Weather Resilience

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



Durability against extreme environmental conditions

High salt mist resistance certified by IEC 61701, suitable for coastal areas.



■ Linear performance warranty ■ Standard performance warranty



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

Electrical Characteristics at Standard Test Conditions (STC)

Module Type	SPV310-PM2-60	SPV315-PM2-60	SPV320-PM2-60
Maximum Power - Pmax (W)	310	315	320
Maximum Power Voltage - Vmp (V)	33.30	33.62	33.93
Maximum Power Current - Imp (A)	9.31	9.37	9.43
Open-circuit Voltage - Voc (V)	39.77	39.98	40.21
Short-circuit Current - Isc (A)	9.71	9.77	9.83
Module Efficiency STC (%)	18.93 %	19.24 %	19.55 %

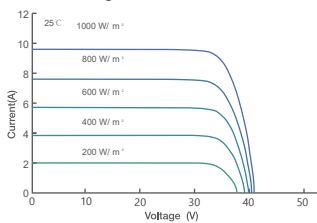
Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

Module Type	SPV310-PM2-60	SPV315-PM2-60	SPV320-PM2-60
Maximum Power - Pmax (W)	231	235	238
Maximum Power Voltage - Vmp (V)	31.57	31.87	32.17
Maximum Power Current - Imp (A)	7.32	7.36	7.41
Open-circuit Voltage - Voc (V)	38.50	38.87	39.23
Short-circuit Current - Isc (A)	7.77	7.83	7.88
Power Tolerance	0 ~ +3W	Operating Temperature (°C)	-40 °C ~ +85 °C
Temperature Coefficients of Pmax	-0.35% / °C	Maximum System Voltage	1500 V
Temperature Coefficients of Voc	-0.275% / °C	Maximum Series Fuse Rating	15 A
Temperature Coefficients of Isc	0.045% / °C	Nominal Operating Cell Temperature	45 ± 2 °C

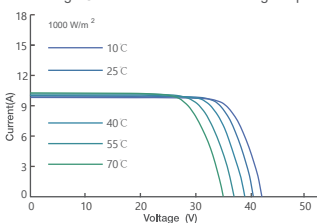
Mechanical Characteristics

Cell Type	Mono-crystalline PERC 156.75x156.75 mm
No. of Cells	60 (6x10)
Dimensions	1650x992x30 mm
Weight	17.0 kg
Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, MC4 Compatible, 3 Bypass Diode
Output Cables	1x4.0 mm ² , Length: 300 mm or Customized Length
Packaging Configuration	60-65pcs/stack, 840-910pcs/40'HQContainer (Two pallets=One stack)

Current-Voltage Curve under different irradiance



Current-Voltage Curve under different working temperatures



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