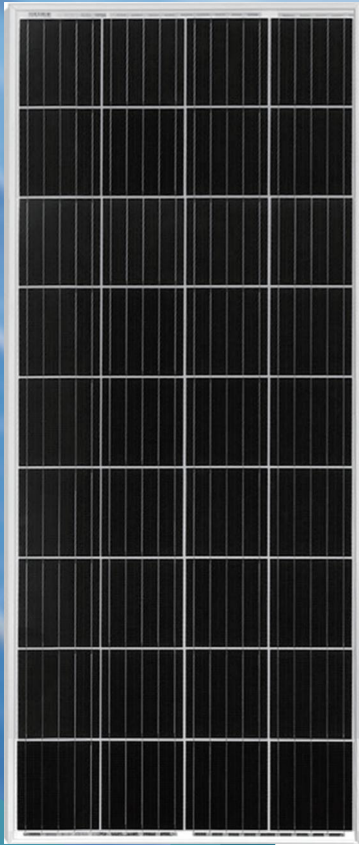




SpolarPV
Easy Invest, More Returns



17.14 %

Module efficiency

170 W



Product warranty



Linear power warranty

SPV170-PP2-36

160-170Watt



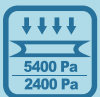
High Efficiency

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



Anti-reflection

Less than 20% reflectivity with minimum glare.



Good Mechanical Load Performance

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



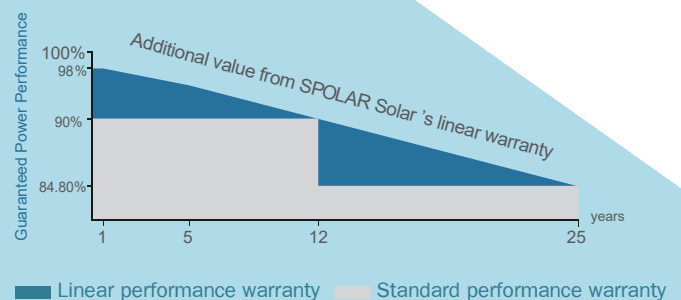
Low Light Performance Resilience

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



Durability Against Extreme Environmental Conditions

Good performance of Anti-PID, Ammonia and Salt mist certified by 2 PFG 2387/01.18, IEC61716 and IEC61701.



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

Electrical Characteristics at Standard Test Conditions (STC)

Module Type	SPV160-PP2-36	SPV165-PP2-36	SPV170-PP2-36
Maximum Power - Pmax (W)	160	165	170
Maximum Power Voltage - Vmp (V)	18.74	19.06	19.30
Maximum Power Current - Imp (A)	8.54	8.66	8.81
Open-circuit Voltage - Voc (V)	22.71	22.98	23.26
Short-circuit Current - Isc (A)	9.07	9.20	9.32
Module Efficiency STC (%)	16.13%	16.63%	17.14%

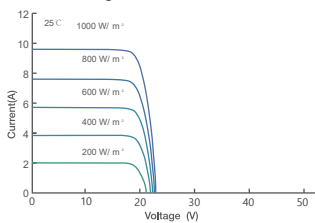
Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

Module Type	SPV160-PP2-36	SPV165-PP2-36	SPV170-PP2-36
Maximum Power - Pmax (W)	119	123	127
Maximum Power Voltage - Vmp (V)	17.64	17.85	18.06
Maximum Power Current - Imp (A)	6.77	6.90	7.02
Open-circuit Voltage - Voc (V)	21.39	21.65	21.91
Short-circuit Current - Isc (A)	7.26	7.36	7.46
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

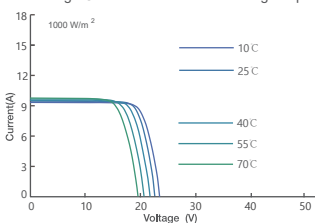
Mechanical Characteristics

Cell Type	Poly-crystalline PERC 156.75x156.75 mm
No. of Cells	36 (4x9)
Dimensions	1480x670x30 mm
Weight	11.0 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: 900 mm
Packaging Configuration	108 pcs/stack, 1620 pcs/40'HQContainer (Three pallets=One stack)

Current-Voltage Curve under different irradiance



Current-Voltage Curve under different working temperatures



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