



**SpolarPV**  
Easy Invest, More Returns

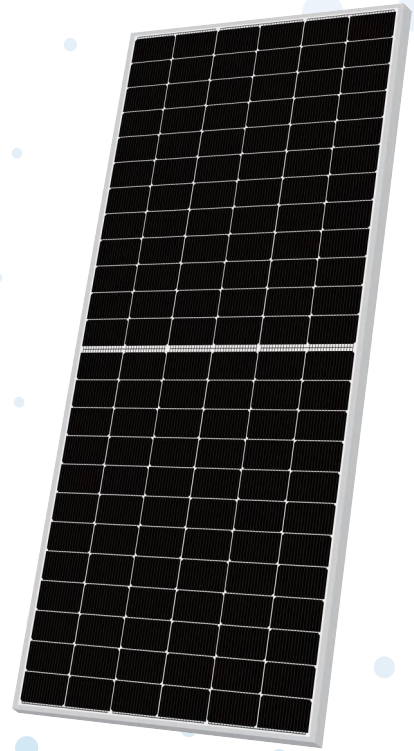
S-Elite

# 620Watt

**Power Range** 605-620Watt

**22.97 %**

**Module efficiency**



## High Efficiency

Higher power conversion efficiency benefited from advanced SpolarPV technology.



## Anti-reflection

Less than 20% reflectivity with minimum glare.



## Good Mechanical Load

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



## Low Light Resilience

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



## Environmental Durability

Good performance of Anti-PID & Salt mist certified by 2 PfG 2387/01.18 and IEC61701.

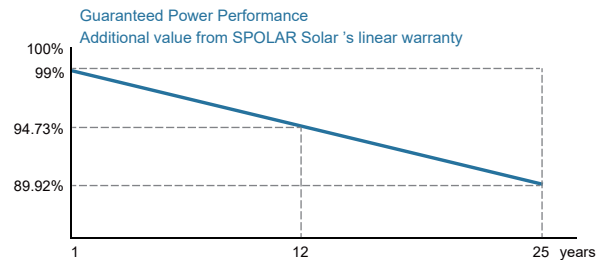
## Features

**12**  
years

Product warranty

**25**  
years

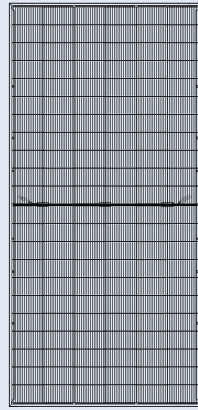
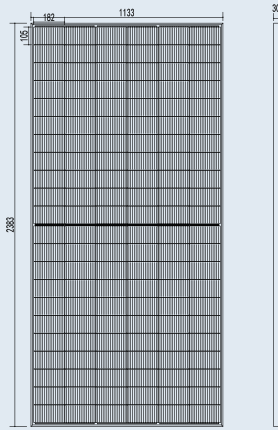
Linear power warranty



REACH



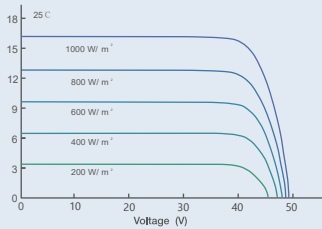
### Dimensions & IV-Curves



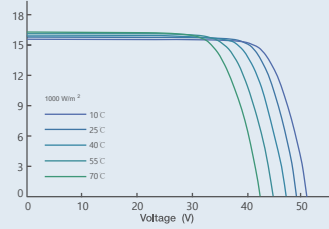
### Mechanical Characteristics

Cell Type	Mono-crystalline
No. of Cells	144 (6x24)
Dimensions	2383x1133x30 mm
Weight	33.7 kg
Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, MC4 Compatible, 3 Bypass Diode
Packaging Configuration	1x4.0 mm <sup>2</sup> , Length: 1200 mm or Customized Length
Output Cables	72pcs/stack, 720pcs/40'HQContainer ( Two pallets=One stack )

Current-Voltage Curve under different irradiance



Current-Voltage Curve under different working temperatures



### Temperature & Maximum Ratings

Operating Temperature (°C)	-40 °C ~ +85 °C
Nominal Operating Cell Temperature	45 ± 2 °C
Temperature Coefficients of Pmax	-0.30% / °C
Temperature Coefficients of Voc	-0.275% / °C
Temperature Coefficients of Isc	0.045% / °C
Power Tolerance	0 ~ +3W
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	35 A

### Electrical Characteristics at Standard Test Conditions (STC)

	605	610	615	620
Maximum Power - Pmax (W)	605	610	615	620
Maximum Power Voltage - Vmp (V)	40.50	40.80	41.10	41.40
Maximum Power Current - Imp (A)	14.94	14.95	14.96	14.98
Open-circuit Voltage - Voc (V)	48.70	49.00	49.30	49.60
Short-circuit Current - Isc (A)	15.93	15.96	15.99	16.03
Module Efficiency STC (%)	22.42 %	22.60 %	22.79 %	22.97 %

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

	463	467	470	474
Maximum Power - Pmax (W)	463	467	470	474
Maximum Power Voltage - Vmp (V)	38.00	38.20	38.40	38.60
Maximum Power Current - Imp (A)	12.18	12.23	12.24	12.28
Open-circuit Voltage - Voc (V)	46.20	46.50	46.80	47.10
Short-circuit Current - Isc (A)	12.85	12.88	12.88	12.90

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