



SpolarPV
Easy Invest, More Returns



22.57 %

Module efficiency

700 W

Highest power output



Product warranty



Linear power warranty

SPV700-TG12-132

685-700Watt



High Efficiency and Lower Temperature Coefficient

Higher power conversion efficiency and lower temperature coefficient benefited from advanced Tunnel Oxide Passivating Contacts (TOPCon) 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) .



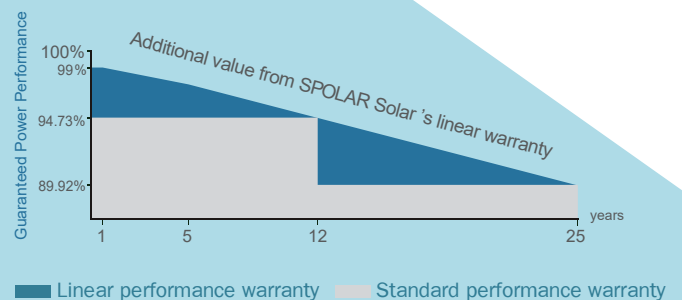
Low Light Performance Resilience

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.

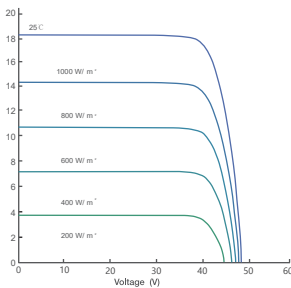
Electrical Characteristics at Standard Test Conditions (STC)

| Module Type | SPV685-TG12-132 | SPV690-TG12-132 | SPV695-TG12-132 | SPV700-TG12-132 |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| Maximum Power - Pmax (W) | 685 | 690 | 695 | 700 |
| Maximum Power Voltage - Vmp (V) | 39.83 | 40.05 | 40.25 | 40.48 |
| Maximum Power Current - Imp (A) | 17.21 | 17.27 | 17.28 | 17.31 |
| Open-circuit Voltage - Voc (V) | 47.65 | 47.90 | 48.07 | 48.25 |
| Short-circuit Current - Isc (A) | 18.25 | 18.28 | 18.31 | 18.35 |
| Module Efficiency STC (%) | 22.08 % | 22.24 % | 22.41 % | 22.57 % |

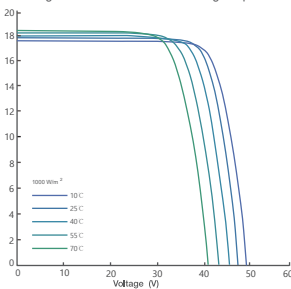
Electrical Characteristics at Normal Operating Cell Temperature (NOCT)

| Module Type | SPV685-TG12-132 | SPV690-TG12-132 | SPV695-TG12-132 | SPV700-TG12-132 |
|----------------------------------|-----------------|------------------------------------|-----------------|-----------------|
| Maximum Power - Pmax (W) | 521 | 525 | 529 | 533 |
| Maximum Power Voltage - Vmp (V) | 37.28 | 37.54 | 37.75 | 37.98 |
| Maximum Power Current - Imp (A) | 13.95 | 14.01 | 14.03 | 14.05 |
| Open-circuit Voltage - Voc (V) | 45.18 | 45.37 | 45.53 | 45.76 |
| Short-circuit Current - Isc (A) | 14.69 | 14.73 | 14.78 | 14.82 |
| Power Tolerance | 0 ~ +3W | Operating Temperature (°C) | | -40 °C ~ +85 °C |
| Temperature Coefficients of Pmax | -0.30% / °C | Maximum System Voltage | | 1500 V |
| Temperature Coefficients of Voc | -0.275% / °C | Maximum Series Fuse Rating | | 30 A |
| Temperature Coefficients of Isc | 0.045% / °C | Nominal Operating Cell Temperature | | 45 ± 2 °C |

Current-Voltage Curve under different irradiance

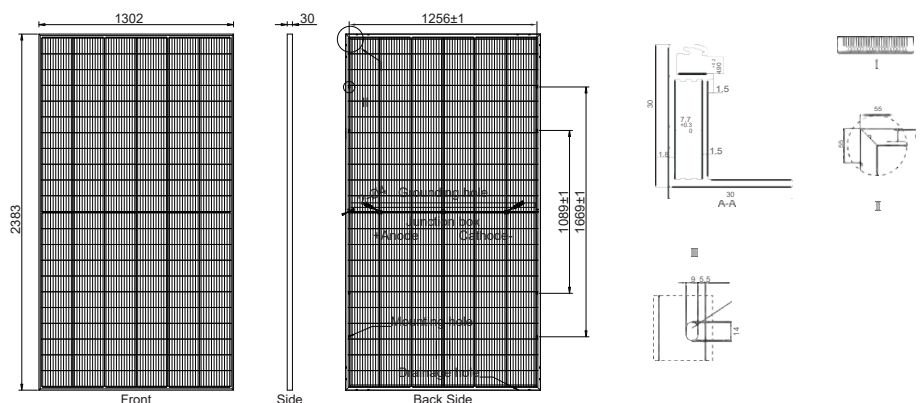


Current-Voltage Curve under different working temperatures



Mechanical Characteristics

| | |
|-------------------------|--|
| Cell Type | Mono-crystalline TOPCon 210x105 mm |
| No. of Cells | 132 (6x22) |
| Dimensions | 2383x1302x30 mm |
| Weight | 32.0 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 mm², Length: 300 mm or Customized Length |
| Packaging Configuration | 36pcs/pallet, 648pcs/40'HQContainer |



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