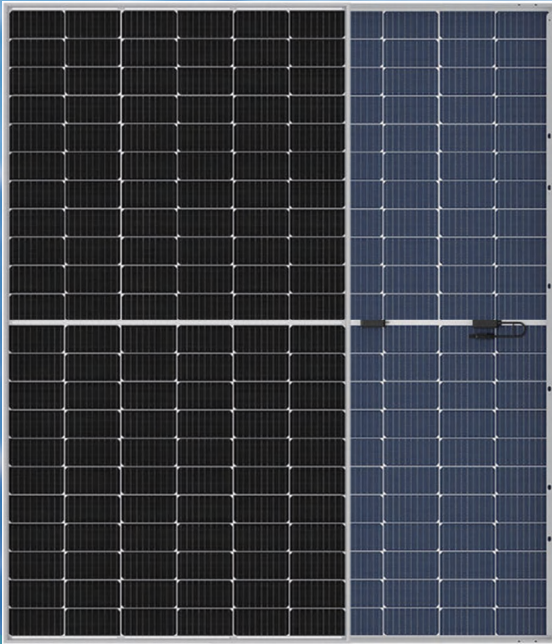




SpolarPV
Easy Invest, More Returns



22.55 %

Module efficiency



Product warranty

535 W

Highest power output



Linear power warranty

SPV535-TM10-132BD

525-535Watt



High Efficiency

Higher power conversion efficiency benefited from advanced SpolarPV 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) .



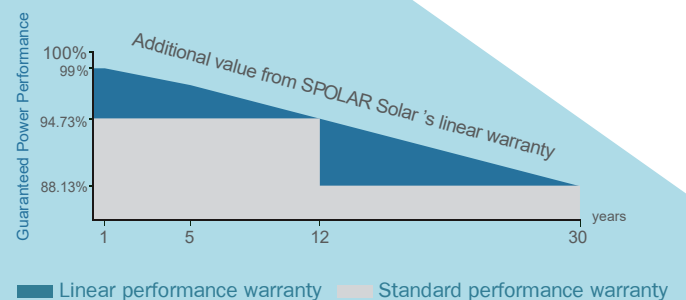
Low Light Performance Resilience

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



Durability Against Extreme Environmental Conditions

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

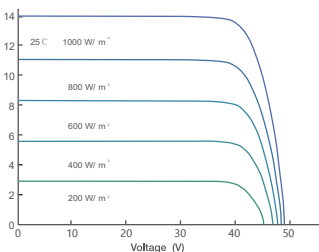


Electrical Characteristics at Standard Test Conditions (STC)

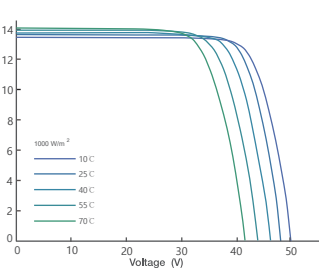
| Module Type | SPV525-TM10-132BD | SPV530-TM10-132BD | SPV535-TM10-132BD |
|---------------------------------|-------------------|-------------------|-------------------|
| Maximum Power - Pmax (W) | 525 | 530 | 535 |
| Maximum Power Voltage - Vmp (V) | 40.13 | 40.32 | 40.50 |
| Maximum Power Current - Imp (A) | 13.08 | 13.15 | 13.21 |
| Open-circuit Voltage - Voc (V) | 48.24 | 48.60 | 48.90 |
| Short-circuit Current - Isc (A) | 13.89 | 13.95 | 14.04 |
| Module Efficiency STC (%) | 22.13 % | 22.34 % | 22.55 % |

| | | | |
|----------------------------------|--------------|------------------------------------|-----------------|
| 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 | 25 A |
| Temperature Coefficients of Isc | 0.045% / °C | Nominal Operating Cell Temperature | 45 ± 2 °C |

Current-Voltage Curve under different irradiance

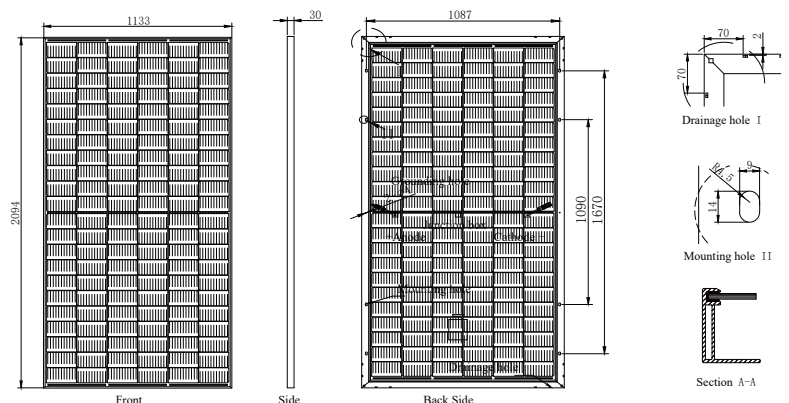


Current-Voltage Curve under different working temperatures



Mechanical Characteristics

| | |
|-------------------------|---|
| Cell Type | Mono-crystalline |
| No. of Cells | 132 (6x22) |
| Dimensions | 2094x1133x30 mm |
| Weight | 30.5 kg |
| Glass | Dual Glass 2.0mm Heat Strengthened 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 | 72pcs/stack, 792pcs/40'HQContainer (Two pallets=One stack) |



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