



QUALITY MATTERS

OUR COMMITMENT TO QUALITY

At Supervim, we think about solar energy all day long. We live and breathe it. We contemplate how it can power every aspect of our lives. And through our experience, we've come to believe:

Quality Matters:

Our energy is different because we're different. Our Experience, knowledge and trusted partnerships have helped deliver reliable products to businesses across the world. We have a vision to create a sustainable future for the world and we have the experience to make it happen.

Our difference comes through in the quality of our product. In fact, we've built numerous quality steps into every stage of manufacturing. We call this quality process The Supervim Standard.

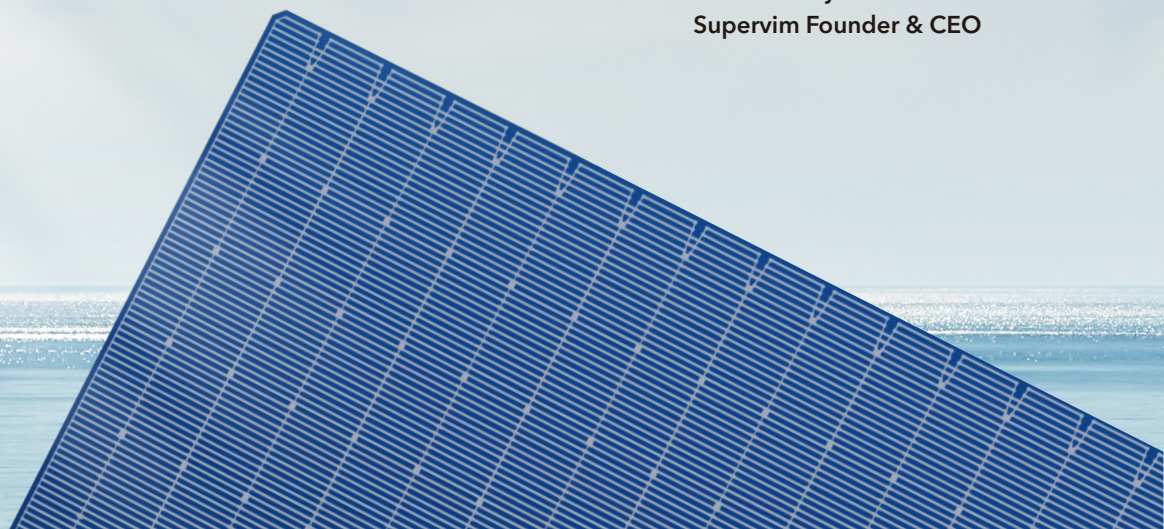
Introducing the Supervim Standard

It's not just a quality-assurance program. Throughout every stage, we hold our products, our partners and ourselves to rigorous benchmarks.

Our team adheres to testing guidelines that far exceed industry requirements. We apply stringent manufacturing controls. All of the materials in our products come from suppliers proven to deliver first rate quality. **This level of attention ensures that every product we deliver meets the Supervim Standard every single time.**

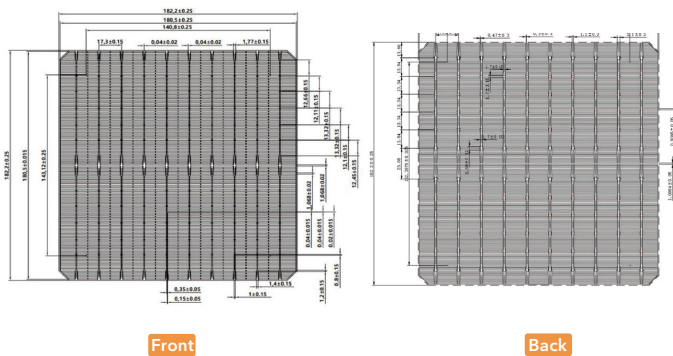
A handwritten signature in black ink, reading 'Libby Zhou' in a cursive script.

Libby Zhou
Supervim Founder & CEO



SP182 BIFICIAL PERC CELL

P-PERC-182-10BB



Product Features

Silicon Type/thickness	Mono-crystalline/165±25µm
Size	182.2*182.2± 0.25 Φ 247mm
Front Pattern	10 busbar, fingers:170 Main busbar distance :17.3mm
Back Pattern	10 busbar, fingers:200 soldering busbar width :1.4/1.2mm, 1/0.8mm Main busbar Width:0.55/0.4mm Fingers distance 0.9065mm

Our Mission

- To deliver unparalleled quality and unwavering commitment to our clients.
- Promoting client growth, development, and satisfaction
- Providing top-tier services and innovative solutions
- Ensuring clear communication and consistently meeting client expectations

Quality Control

- Premium Materials – We utilize only A-grade wafers in our cell production.
- Thorough Inspections – Every unit undergoes 100% visual and EL to ensure top quality.
- Routine Testing – Weekly LID and PID tests uphold
- Performance and reliability.
- Precise Calibration – Our reference cells are calibrated by leading accredited laboratories.

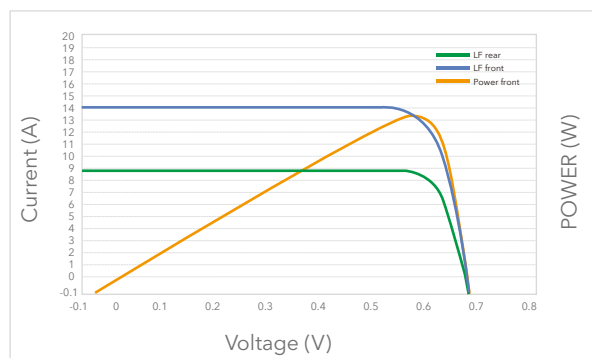
Our Goal

- To be recognized as the most reliable and committed partner in our industry—driving client success through superior service and uncompromising quality.

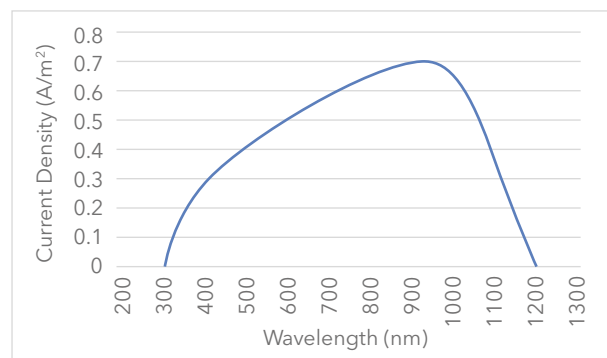


Eff (%)	Efficiency	Pmpp (w)	Impp(A)	Umpp(v)	Isc(A)	Uoc (v)
23.6	23.76-23.96	7.79	12.983	0.600	13.584	0.698
23.5	23.66-23.76	7.76	12.950	0.599	13.579	0.697
23.4	23.56-23.66	7.72	12.910	0.598	13.541	0.696
23.3	23.46-23.56	7.69	12.881	0.597	13.502	0.695
23.2	23.34-23.46	7.66	12.852	0.596	13.463	0.694
23.1	23.21-23.34	7.63	12.824	0.595	13.425	0.693
23	23.11-23.21	7.59	12.778	0.594	13.386	0.692
22.9	23.00-23.11	7.56	12.749	0.593	13.287	0.691
22.6	22.69-22.79	7.46	12.644	0.590	13.226	0.688
22.5	22.59-22.69	7.43	12.615	0.589	13.187	0.687
22.4	22.49-22.59	7.39	12.568	0.588	13.147	0.686

IV Curve



Spectral Response (SR)



Temperature Coefficient

Current temperature coefficient $+(0.07 \pm 0.015)\%/K$

Voltage temperature coefficient $-(0.36 \pm 0.03)\%/K$

Power temperature coefficient $-(0.38 \pm 0.02)\%/K$

Packing Information

20GP: 504000pcs

40GP: 1108800pcs

L*W*H

1050*1060*1160mm

Pallet

50400pcs

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