

# SZ Series CPC Framed Light Weight Bifacial Solar Panel

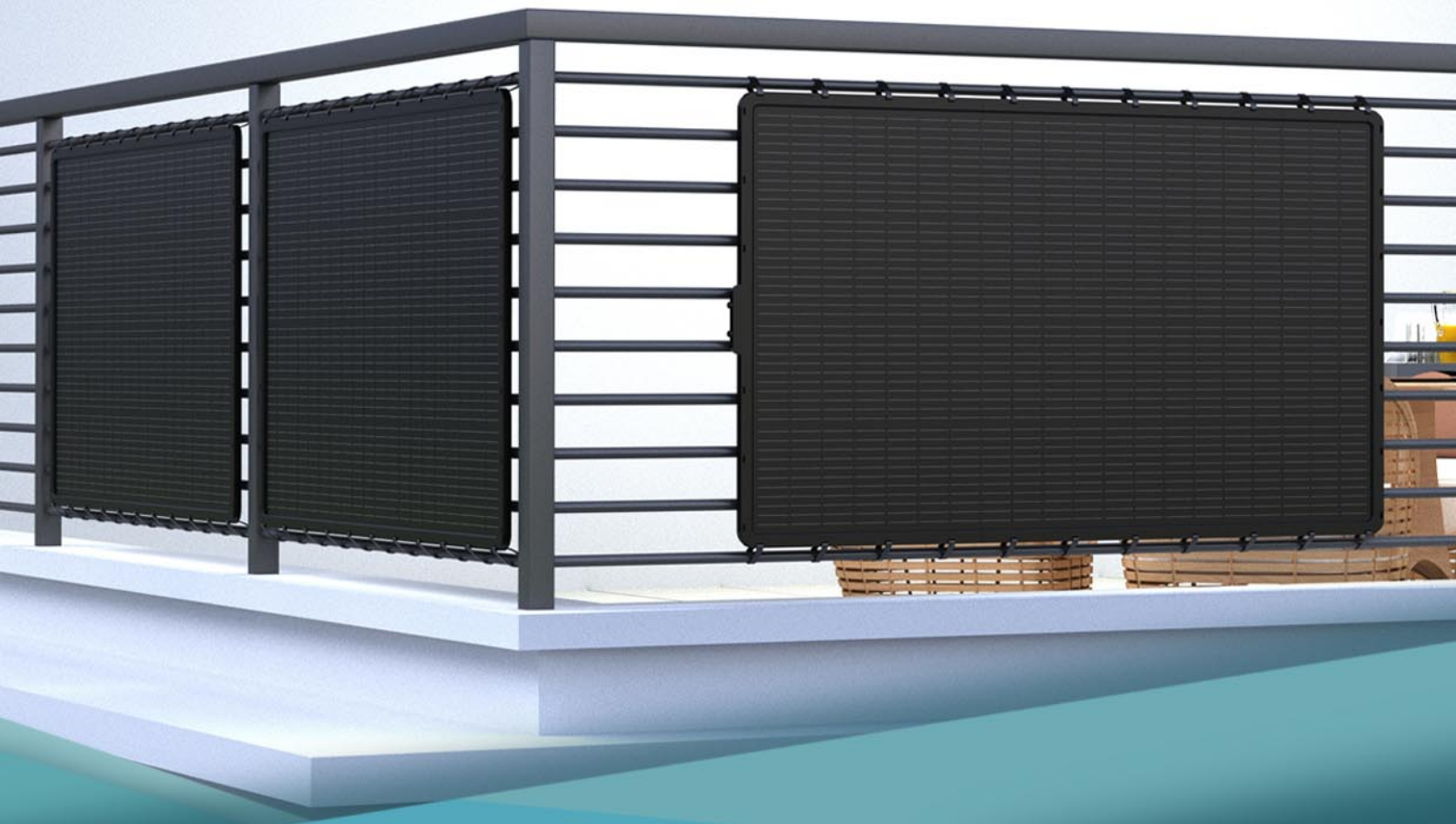
**High transparency:** CPC photovoltaic materials allows more sunlight to penetrate into the solar panel and improve the power generation efficiency of the solar panel.

**Strong weather resistance:** CPC photovoltaic materials can be used for a long time in harsh environments without aging or embrittlement.

**Strong UV resistance:** CPC photovoltaic materials can effectively prevent UV damage to solar panels.

**Comparison of CPC & ETFE photovoltaic materials:** CPC photovoltaic materials have better light transmission, stronger weather and UV resistance.

**Higher efficiency:** Bifacial solar panels are about 5%-30% more efficiency than ordinary solar panels.



## DATASHEET



	SZ-100W-60M	SZ-150W-60M	SZ-200W-60M
Maximum Power (Pmax)	100W	150W	200W
Maximum Power Current (Imp)	4.79A	8.09A	9.58A
Maximum Power Voltage (Vpm)	20.88V	18.56V	20.88V
Open-circuit Voltage (Voc)	24.48V	21.76V	24.48V
Short-circuit Current (Isc)	5.08A	8.57A	10.16A
Maximum System Voltage(V)	100V		
Output Tolerance	0~+3%		
Module Structure	Frame/CPC/EVA/Backsheet		
Dimensions(mm)	800*710*16	800*1088*16	800*1338*16
Weight Net/Gross(kg)	2.3/3.2	3.1/4.6	4.3/6.0
Working Temperature	-20°C ~ + 65°C		
Junction Box Rating	≥IP67		

## APPLICATION

Compared with traditional solar module, CPC light weight solar module are 70% lighter with higher structural safety, which not only enriches the installation and application scenarios such as balcony and fence installation, but also greatly reduces storage cost, installation cost and construction difficulties. Easy and quick installation by plastic steel cable ties or 3M double side tape is also one of the great advantages of CPC light weight solar module.

