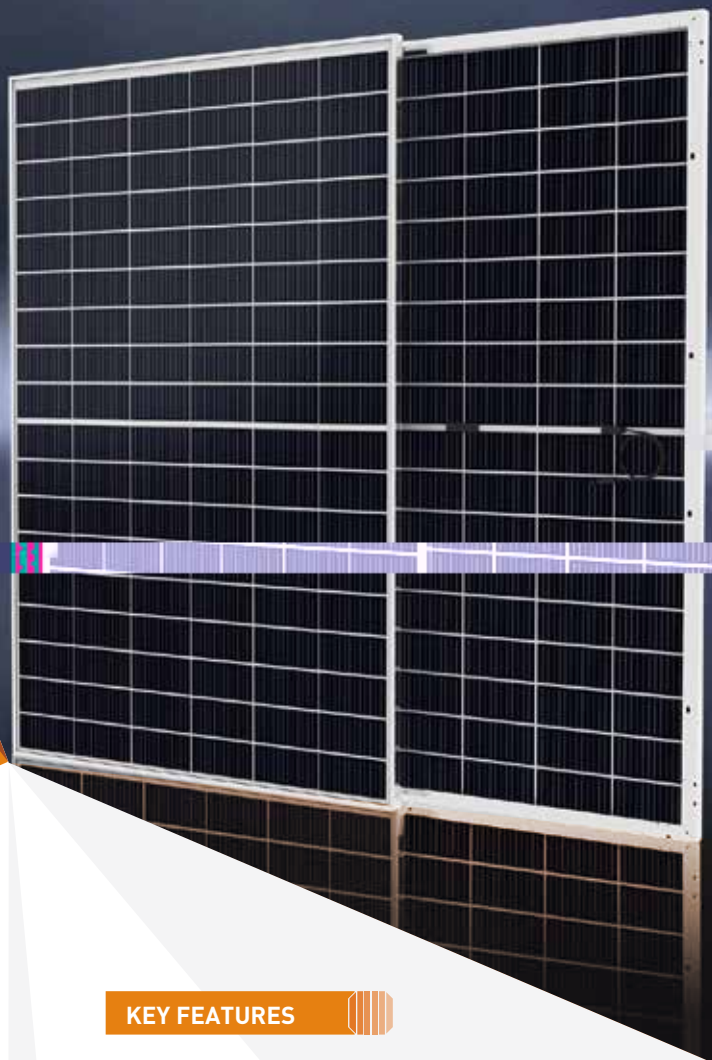




BIPRO

108-cell



SYSTEM & PRODUCT CERTIFICATES



PERFORMANCE WARRANTY

12

30



KEY FEATURES



12BB Half-cut Cell Technology



Industry Leading High Yield



Excellent Anti-PID Performance



Wider Application



IP68 Junction Box



* GL-EN-Version 2023.10.20

ELECTRICAL CHARACTERISTICS

Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)										
Operating Voltage (Vmpp/V)										
Operating Current (Impp/A)										
Open-Circuit Voltage (Voc/V)										
Short-Circuit Current (Isc/A)										
Module Efficiency [%]										

STC: Irradiance 1000W/m², Spectra at AM1.5, Module Temperature 25 °C. Power output tolerance: 0~+5W, Test uncertainty for Pmax: ±3%
 NMOT: Irradiance 800W/m², Spectra at AM1.5, Ambient Temperature 20 °C, Wind speed 1m/s

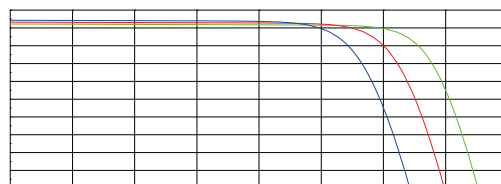
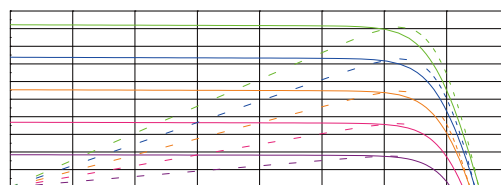
REAR SIDE POWER GAIN(REFERENCE TO 545W FRONT)

Pmax gain				
Pmax/W				
Vmpp/V				
Impp/A				
Voc/V				
Isc/A				

MECHANICAL CHARACTERISTICS

Cell Type	
No. of Cells	
Module Dimensions	
Weight	
Front Glass	
Back Glass	
Frame	
Junction Box	
Output Cables	
Connectors	

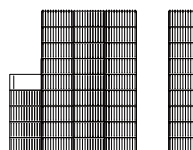
I-V CURVE



APPLICATION CONDITIONS

Maximun System Voltage	
Operating Temperature	
Maximun Series Fuse	
Safety Protection Class	II
Mechanical Load	
Refer. Bifaciality Factor	

TECHNICAL DRAWINGS



TEMPERATURE CHARACTERISTICS

Temperature Coefficient of Pmax	
Temperature Coefficient of Voc	
Temperature Coefficient of Isc	
Nominal Module Operating Temperature(NMOT)	

PACKING CONFIGURATION

Pieces Per Pallet	
Pieces Per Container(40'HQ)	



The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, Suzhou Talesun Solar Technologies Co., Ltd. reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.