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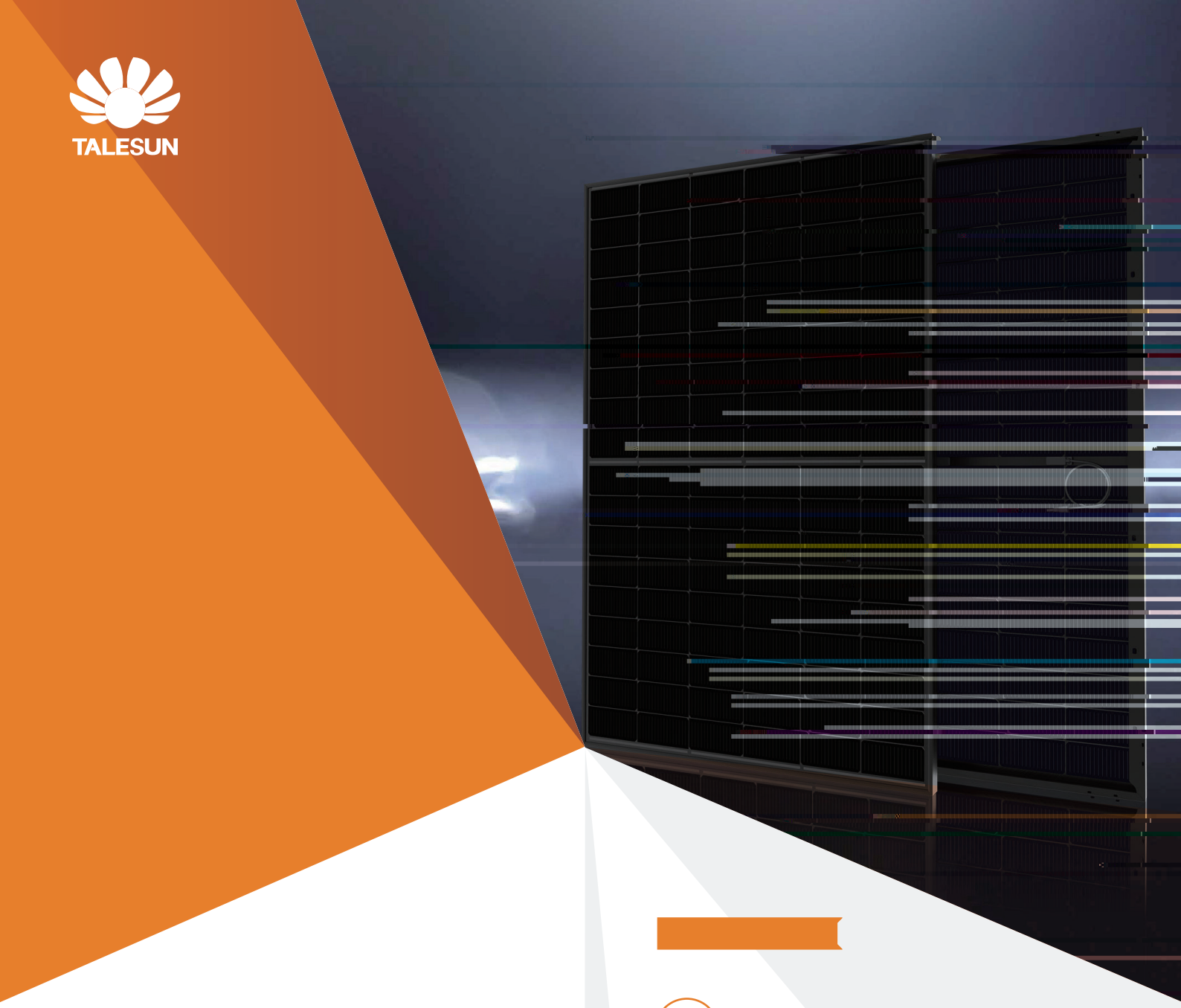

ELECTRICAL CHARACTERISTICS

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 (%)	21.30		21.50		21.80		22.00		22.30	

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

REAR SIDE POWER GAIN(REFERENCE TO 425W FRONT)

Pmax gain	5%	10%	15%	20%	25%
Pmax/W	446	468	489	510	531
Vmpp/V	31.70	31.70	31.70	31.70	31.70
Impp/A	14.08	14.75	15.42	16.09	16.76
Voc/V	38.30	38.30	38.30	38.30	38.30
Isc/A	14.94	15.65	16.36	17.07	17.79

MECHANICAL CHARACTERISTICS

Cell Type	N-type Mono-Crystallin (16Busbar)
No. of Cells	108pcs in series (6*18)
Module Dimensions	1722*1134*30mm (67.80*44.65*1.18inches)
Weight	24.5kg (54.01lbs)
Front Glass	
Back Glass	
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Output Cables	4mm² (IEC), 12AWG(UL) 350mm(+),250mm(-) or Customized Length
Connectors	T01/LJQ-3-CSY/MC4/MC4-EVO2

APPLICATION CONDITIONS

Maximun System Voltage	1500V/DC
Operating Temperature	-40°C~+85°C
Maximun Series Fuse	30A
Safety Protection Class	Class Ⅱ
Mechanical Load	Front side 5400Pa, Back side 2400Pa
Refer. Bifaciality Factor	80%±5%

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)	

Electrical Performance

TECHNICAL DRAWINGS

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