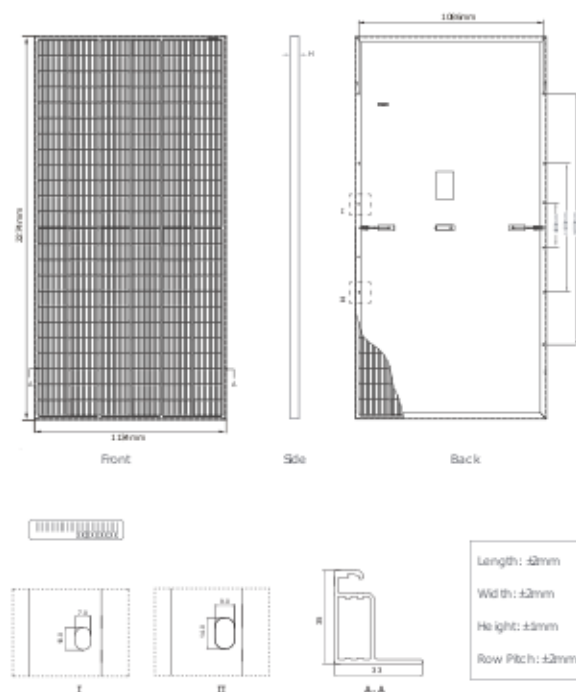


Engineering Drawing

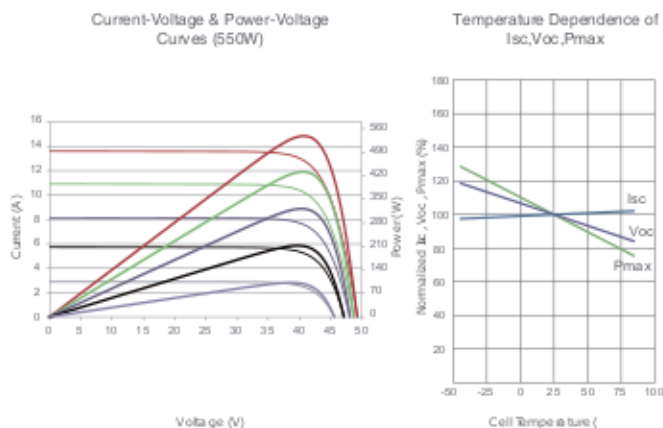


Packaging Configuration

(Two pallets = One stack)

31pcs/pallets, 62pcs/stack, 620pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	10BB Mono-crystalline
No. of cells	144 (6x24)
Dimensions	2274x1134x35mm (89.53x44.65x1.38 inch)
Weight	28.9 kg (63.7 lbs)
Front Glass	3.2mm Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	UV 1x4.0mm (+): 400mm, (-): 200mm or C customized Length

SPECIFICATIONS

Module Type	YS550M-72	YS560M-72	YS570M-72	YS580M-72	YS590M-72	YS600M-72
Maximum Power (Pmax)	550W	560W	570W	580W	590W	600W
Maximum Power Voltage (Vmp)	40.90V	41.10V	41.30V	41.50V	41.90V	42.10V
Maximum Power Current (Imp)	13.45A	13.63A	13.27A	13.98A	14.08A	14.25A
Open-circuit Voltage (Voc)	49.62V	49.72V	49.82V	49.91V	49.95V	49.99V
Short-circuit Current (Isc)	14.03A	14.33A	14.62A	14.81A	14.92A	14.97A
Module Efficiency STC (%)	21.33%	21.72%	22.10%	22.49%	22.87%	23.27%
Operating Temperature (°C)	-40°C~+85°C					
Maximum system voltage	1000/1500VDC (IEC)					
Maximum series fuse rating	25A					
Power tolerance	0~+3%					
Temperature coefficients of Pmax	-0.35%/°C					
Temperature coefficients of Voc	-0.28%/°C					
Temperature coefficients of Isc	0.048%/°C					
Nominal operating cell temperature (NOCT)	45±2°C					

STC: ☀️ Irradiance 1000W/m²

📏 Cell Temperature 25°C

☁️ AM=1.5

NOCT: ☀️ Irradiance 800W/m²

📏 Ambient Temperature 20°C

☁️ AM=1.5

🌀 Wind Speed 1m/s

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