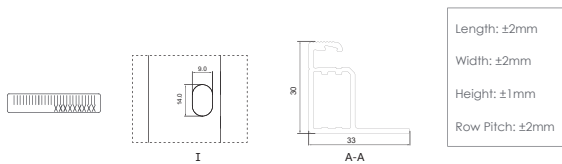
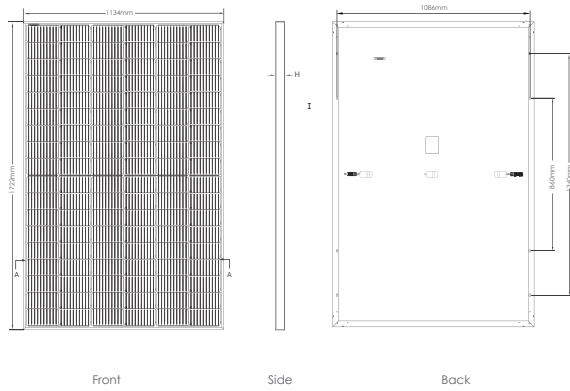


Engineering Drawings

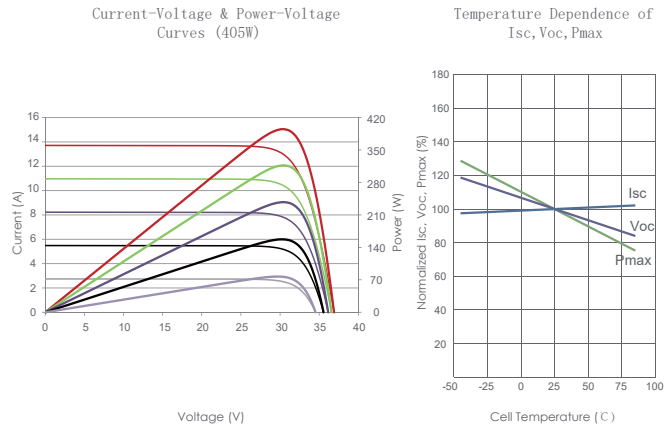


Packaging Configuration

(Two pallets = One stack)

35pcs/pallets, 70pcs/stack, 910pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	P type Mono-crystalline
No. of cells	108 (2x54)
Dimensions	1722×1134×30mm (67.80×44.65×1.18 inch)
Weight	22.0 kg (48.50 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm ² (+): 400mm, (-): 200mm or Customized Length

SPECIFICATIONS

Module Type	JKM410M-54HL4-V		JKM415M-54HL4-V	
	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	410Wp	305Wp	415Wp	309Wp
Maximum Power Voltage (Vmp)	30.62V	28.72V	30.79V	28.88V
Maximum Power Current (Imp)	13.39A	10.62A	13.48A	10.69A
Open-circuit Voltage (Voc)	37.14V	35.05V	37.31V	35.21V
Short-circuit Current (Isc)	13.92A	11.24A	14.01A	11.32A
Module Efficiency STC (%)	21.00%		21.25%	
Operating Temperature(°C)	-40°C~+85°C			
Maximum system voltage	1500 (IEC)			
Maximum series fuse rating	25A			
Power Measurement tolerance	-3~+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