

TIPA Rosette

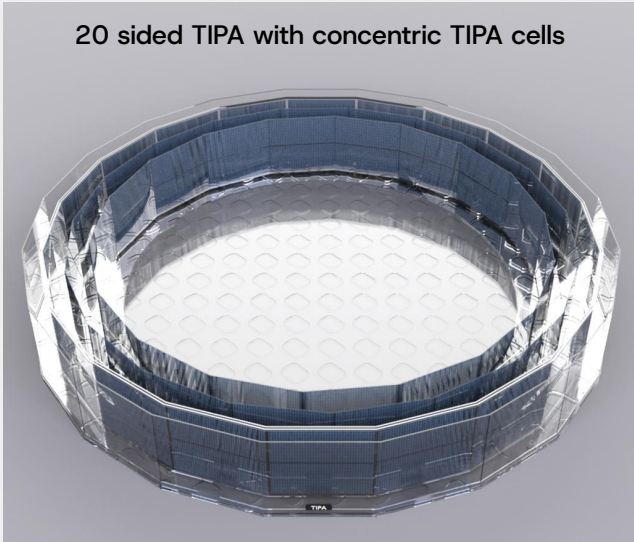
TIPA Rosette has multiple solar cells installed concentrically inside the original polygonal or circular shape. The installed capacity is higher and the overall voltage and current is much higher depending upon the number of concentric TIPA solar cells.

TIPA Rosette 570W

Body: Clear
Dome: Clear



Dimensions (mm)			
Height	Width	Area (mSq)	Weight (kg)
420	1720	2.32	5



Material of Construction :

Dome and Body – Polycarbonate PC
Bottom Cap – Polycarbonate PC
Internal Mirror – Reflective PVC



Operating Temperature :

-52°C to 100°C



Operating Pressure :

0.7 Atm with internal Inert Argon



Power Output :

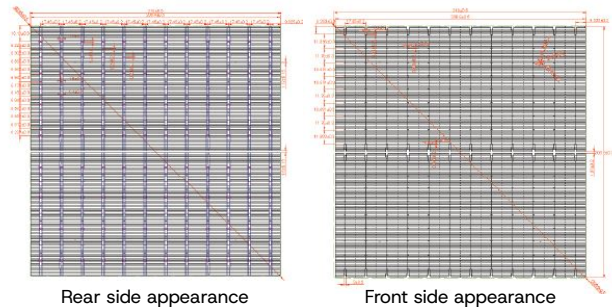
570 Wp

Solar Cell Configuration and Specification

M12 Small Cut Mono Cells

Dimensions : 35mm x 35mm

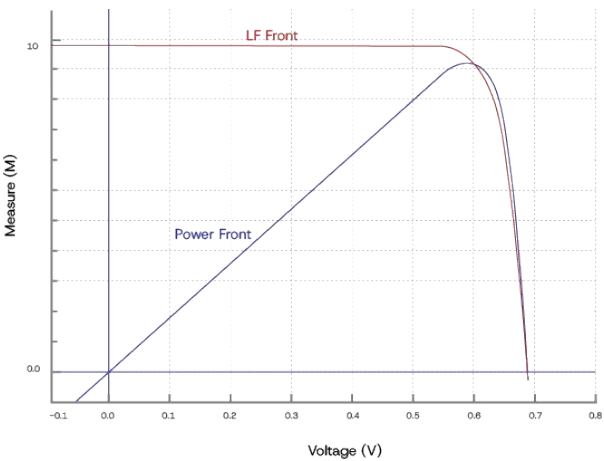
Configuration : 6 Series x 57 Parallel (69 cut Cells)



Electrical Parameters

Parameters	Value	Units
Voc	4.08	V
Isc	172	A
Vmpp	3.5	V
Impp	161	A
Power Output	570	Wp

IV – Curve



Temperature Coefficients

TkVoltage	-0.36%/K
TkCurrent	+0.07%/K
TkPower	-0.38%/K