

## TIPA HV

TIPA HV are specifically designed for optimised vertical installations. The TIPA HV are partially internally mirrored to increase output. TIPA HV vertical installations are hybrid installations with TIPA HV devices facing in the direction of the optimal zenith of the sun and opposite side TIPA's are TIPA V, to allow for East-West Generation.

## TIPA HV M12

Body: 33% Mirrored  
Dome: 33% Mirrored



Dimensions (mm)			
Height	Width	Area (mSq)	Weight (kg)
418	470	0.14	1.7

Expected PF to exceed 25% compared to flat panels



### Material of Construction :

Dome and Body – Polycarbonate PC Coated with reflective material  
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 :

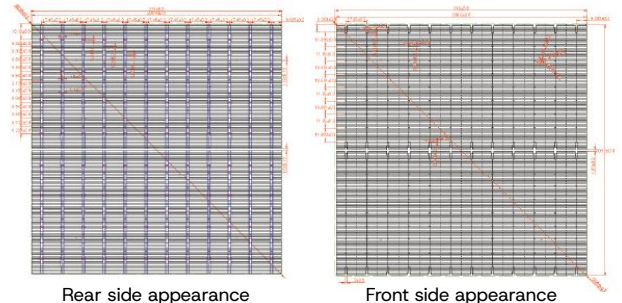
61 Wp

## Solar Cell Configuration and Specification

M12 Small Cut Mono Cells

Dimensions : 210mm x 35mm

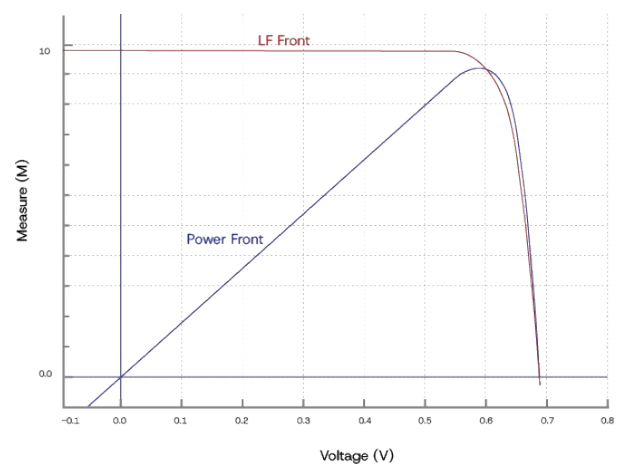
Configuration : 6 Series x 6 Parallel (36 cut Cells)



## Electrical Parameters

Parameters	Value	Units
Voc	4.08	V
Isc	18	A
Vmpp	3.5	V
Impp	17	A
Power Output	61	Wp

## IV – Curve



## Temperature Coefficients

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