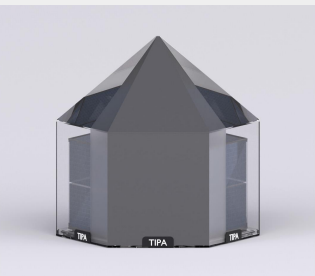


TIPA HV

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 M10

Body: 33% Mirrored
Dome: 33% Mirrored



Dimensions (mm)		Area (mSq)	Weight (kg)
Height	Width		
406	410	0.11	1.5

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 :

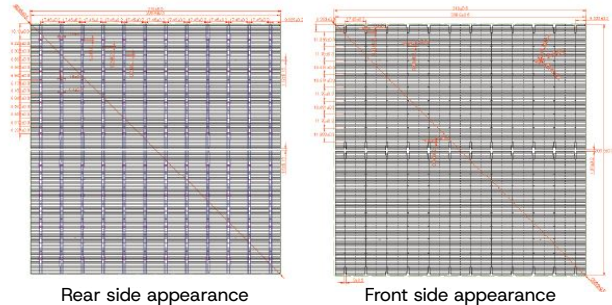
45 Wp

Solar Cell Configuration and Specification

M10 Small Cut Mono Cells

Dimensions : 182mm x 30mm

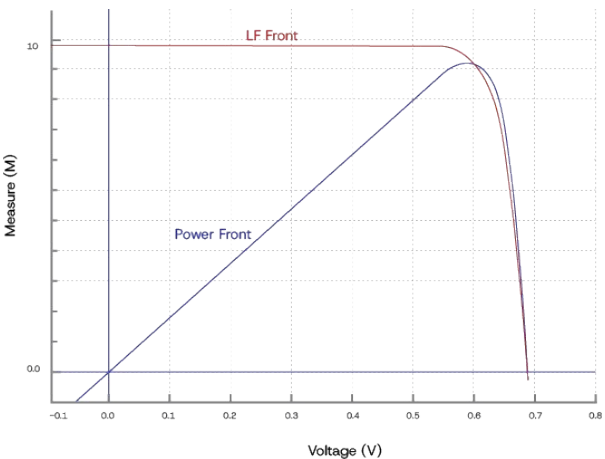
Configuration : 6 Series x 6 Parallel (36 cut Cells)



Electrical Parameters

Parameters	Value	Units
Voc	4.062	V
Isc	13.695	A
Vmpp	3.462	V
Impp	13.046	A
Power Output	45	Wp

IV - Curve



Temperature Coefficients

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