TIPA Vertical or TIPA V

The current products are designed to be installed vertically either on specifically designed TIPA poles or retrofitted onto any pole with specially designed TIPA clamps. Clamp designs are determined by the retrofit pole construction. Most poles are made of steel but some are rebar concrete moulded poles. The clamp design is therefore designed around regional variations. The TIPA holding system is universal. The pole clamp is bespoke sometimes. TIPA V devices are bifacial and allow light through the sides and the top lens.

TIPA V M10

Body: Clear
Dome: Clear

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

Expected PF to exceed 25% compared to flat panels

Material of Construction :
Dome and Body – Polycarbonate PC
Bottom Cap – Polycarbonate PC
Internal Mirror – Reflective PVC

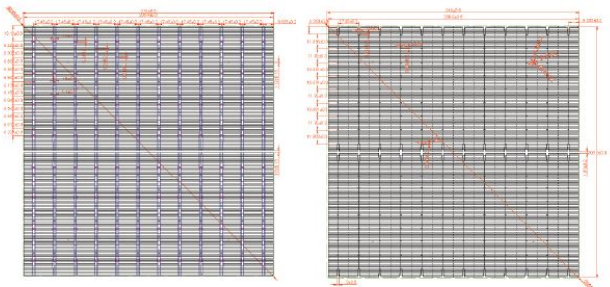
Operating Temperature :
-52°C to 100°C

Operating Pressure :
0.7 Atm with internal Inert Argon

Power Output :
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)

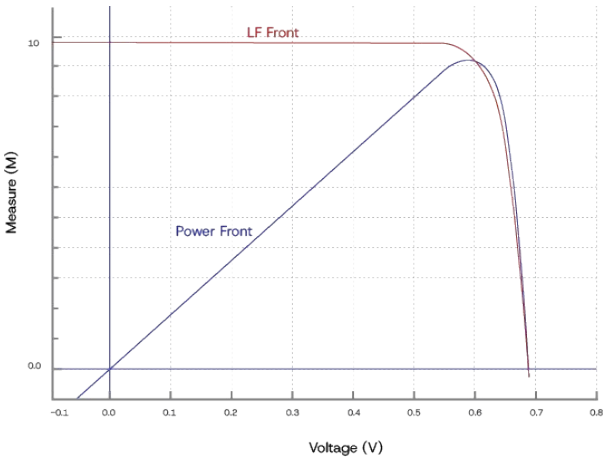


Rear side appearance | Front side appearance

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