

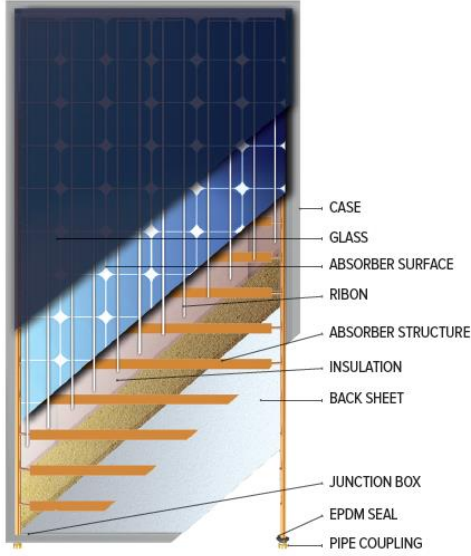


Norm Enerji Sistemleri LTD.

Volther® Excell

Electricity and usable thermal hot water at the same time from one panel. Extra-much electricity production per year with cooled PERC cells.

Hybrid PV-T



## TECHNICAL SPECIFICATIONS

### Product Code

Dimensions (mm)	1677 x 1006 x 60
Gross Area (m <sup>2</sup> )	1,68
Weight (kg)	38,4
Number of Cells	60
Cell Dimensions (mm)	156 X 156
Nominal Power (Wp)	310W
Power Tolerance	± 3 %
Short Circuit Current (Isc)	10.038 A
Open Circuit Voltage (Voc)	40.108 V
Max. Power Voltage (Vpm)	33.207 V
Max. System Voltage	1500 V
Absorber Panel	Copper & PERC Cells
Welding Method	Laser
Number of Risers	6
Dimension of Risers (mm)	8 / 18
Heat Exchanger	Copper
Internal Piping	Copper
Liquid Content (liter)	0,8
Test Pressure (bar)	15
Maximum Operating Pressure (bar)	10
Sealing	EPDM & Silicone
Base Sheeting	Embossed- Finished Aluminum
Panel Insulation	Glasswool
Casing	Electrostatic Painted Aluminum
Product Warranty	10 Years
Productivity Warranty	%90<10 years, %80<20 years

### Volther® Excell

#### MA- 0601