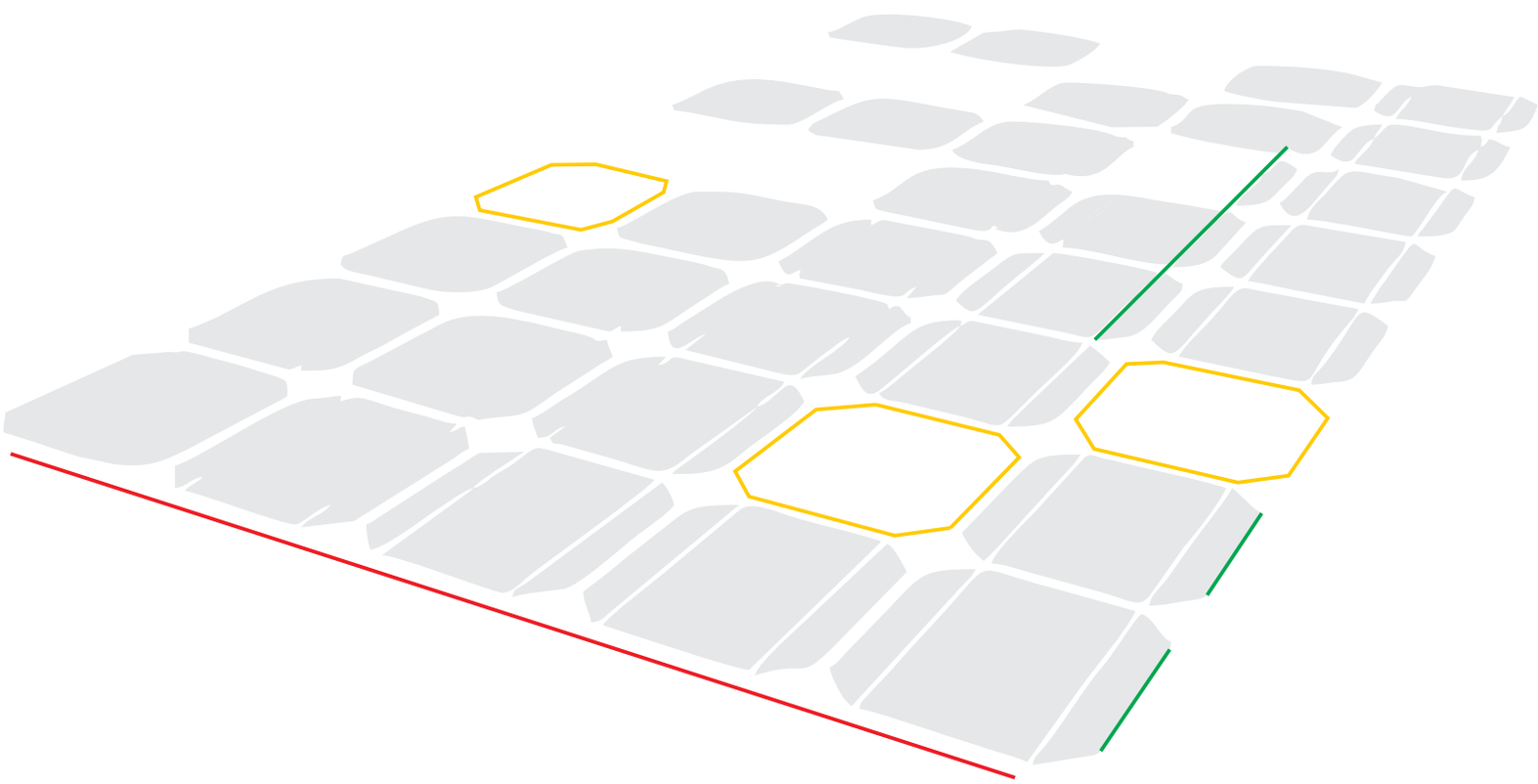
The Lightness of the Future

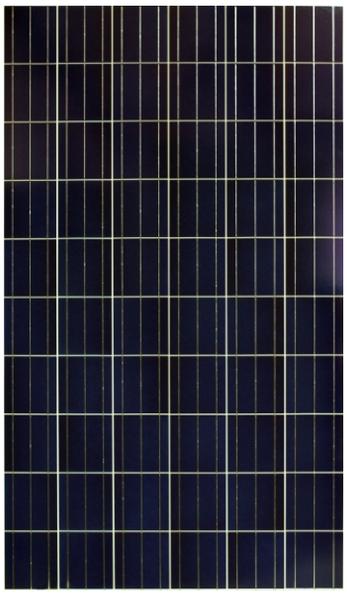
HYBRID PHOTOVOLTAIC SOLUTIONS

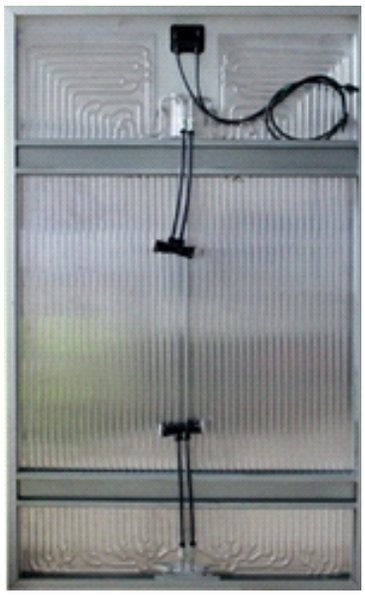


Main features:

– **Very good** thermal performance
– **Quick connectors** for distribution lines
– **Low** pressure drop

BASIC LINE



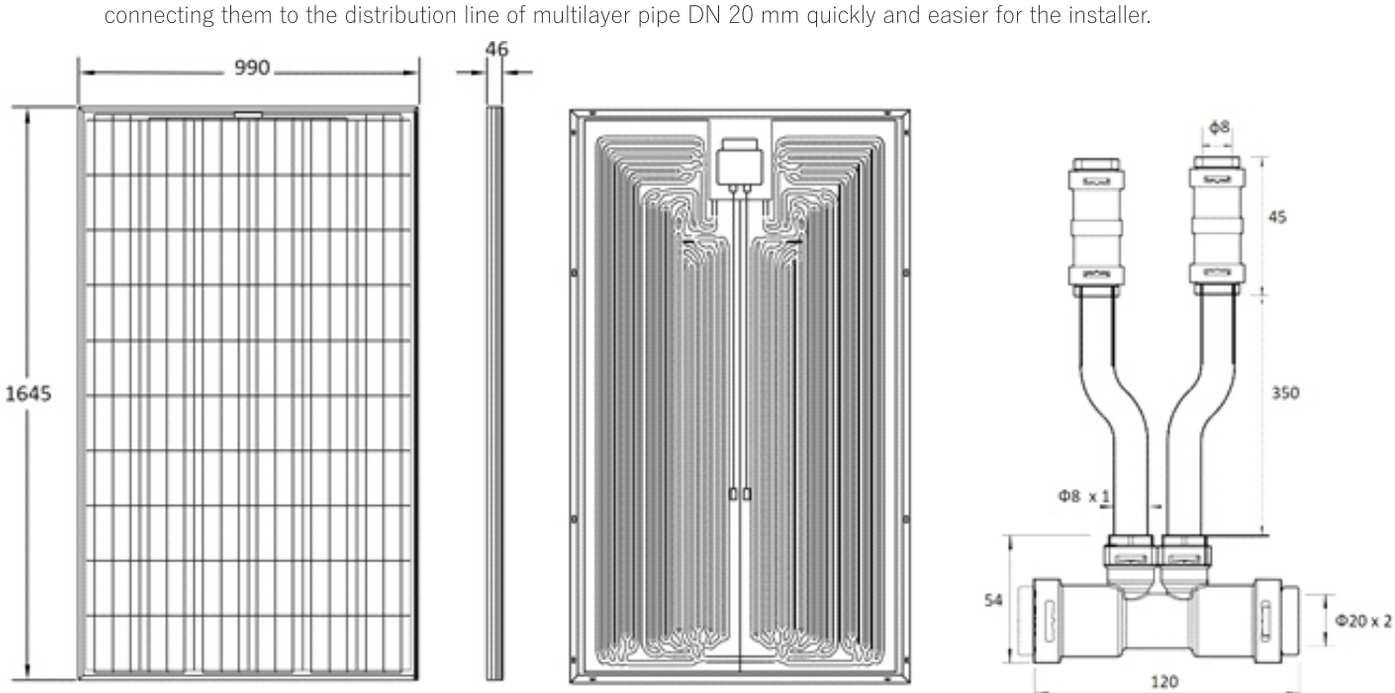


General Data	
Cell type	Polycrystalline 156 x 156
Output tolerance	0 ~+3 %
Number of cells	60 cells in series
Module size	1645 x 990 x 46
Weight	22 kg
Maximum voltage	1000 V
Max. series fuse rating	16 A
Cable section	PV 4 mm²
Cable length	1000 +/- 5 cm
Number of by-pass diodes	3
Cycle temperature	-40 ~ 85° C
NOCT	46 +/-25 ° C
Isc temp. coef.	+ 0,05 % K
Voc temp. coef.	- 0,33 % K
Pmpp temp. coef.	- 0,42 % K

Electrical data		Thermal data	
Nominal power	250 Wp	Thermal peak power	950 W
Short-circuit current (Isc)	8,64 A	Heat transfer fluid flow rate	150 l/h
Open circuit voltage (Voc)	37,2 V	Load capacity	33 mbar
Nominal Voltage at max power (Vmp)	30,84 V	Load capacity including the fitting	38 mbar
Rated current at max power (Imp)	8,15 A	Maximum operating temperature	80° C
Maximum system voltage	1000 V	Maximum working pressure	4 bar
		Volume of the internal module	1,14 l +/- 10 %
		Diameter of connection pipes	Φ8 x 1 mm

1/ DowcalTM 100

2/ As an accessory is delivered separately, there is a special kit for the two roll bond circuits, connecting them to the distribution line of multilayer pipe DN 20 mm quickly and easier for the installer.



Optional: Thermal retrofit kit for PV panels

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