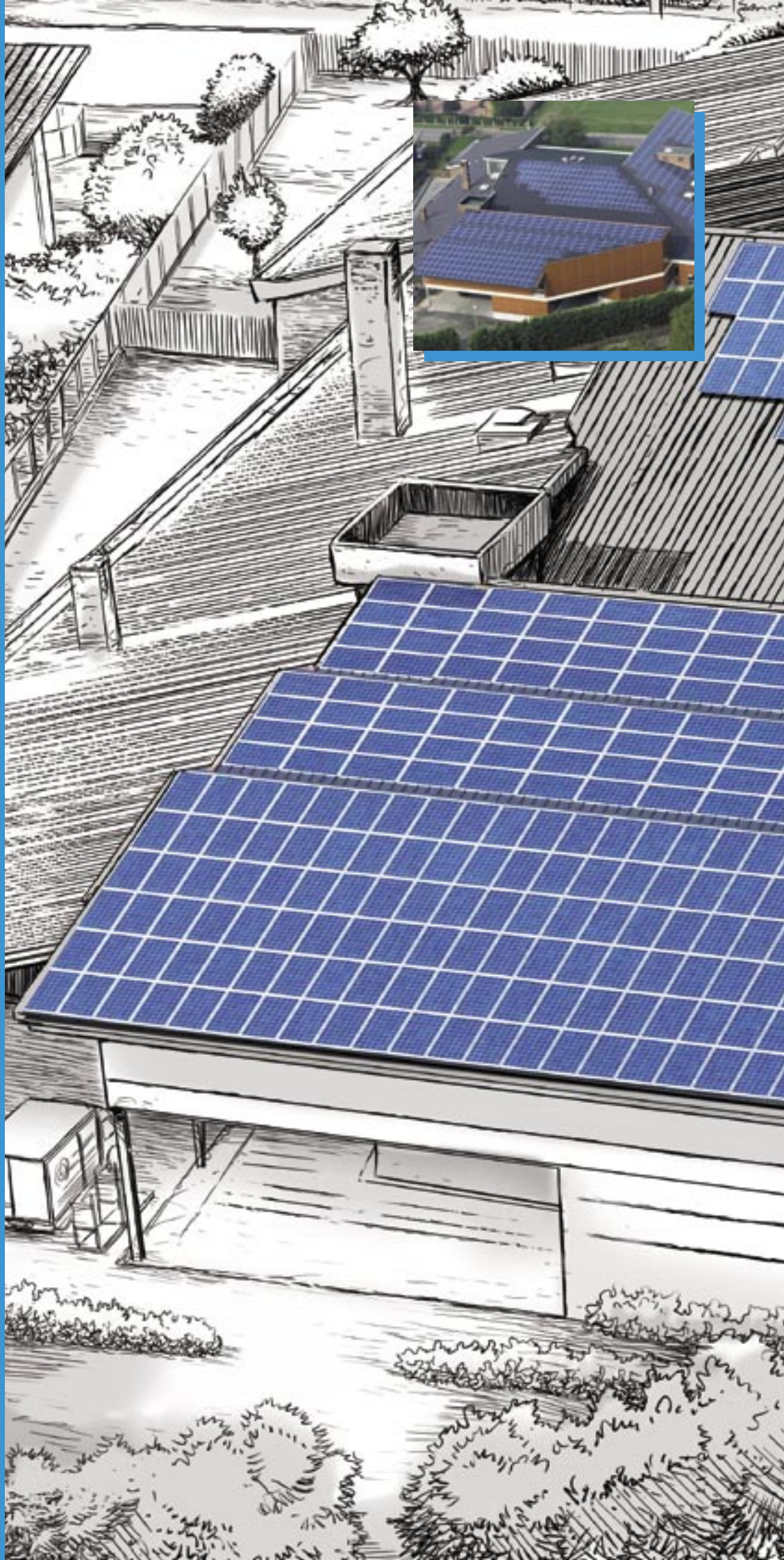
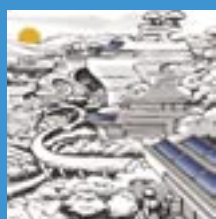




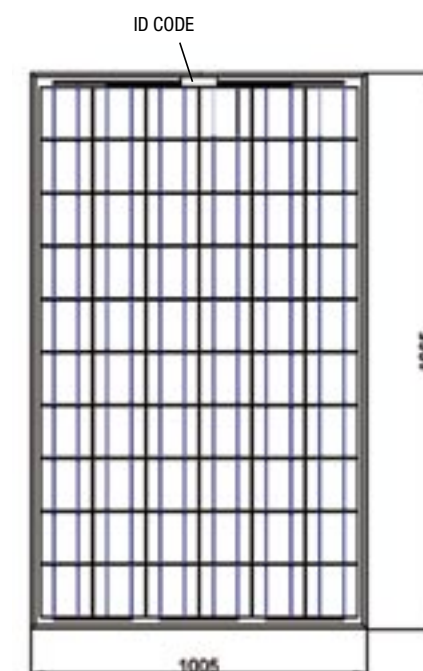
PHOTOVOLTAIC MODULE PX60



PHOTOVOLTAIC MODULE PX60



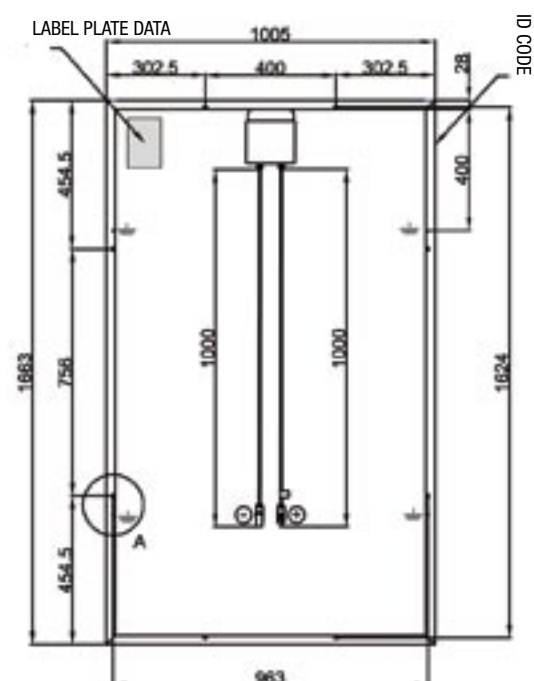
FRONT



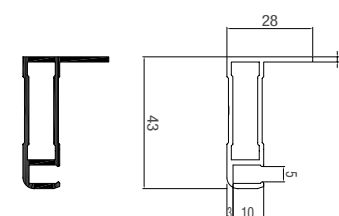
CERTIFICATIONS



BACK

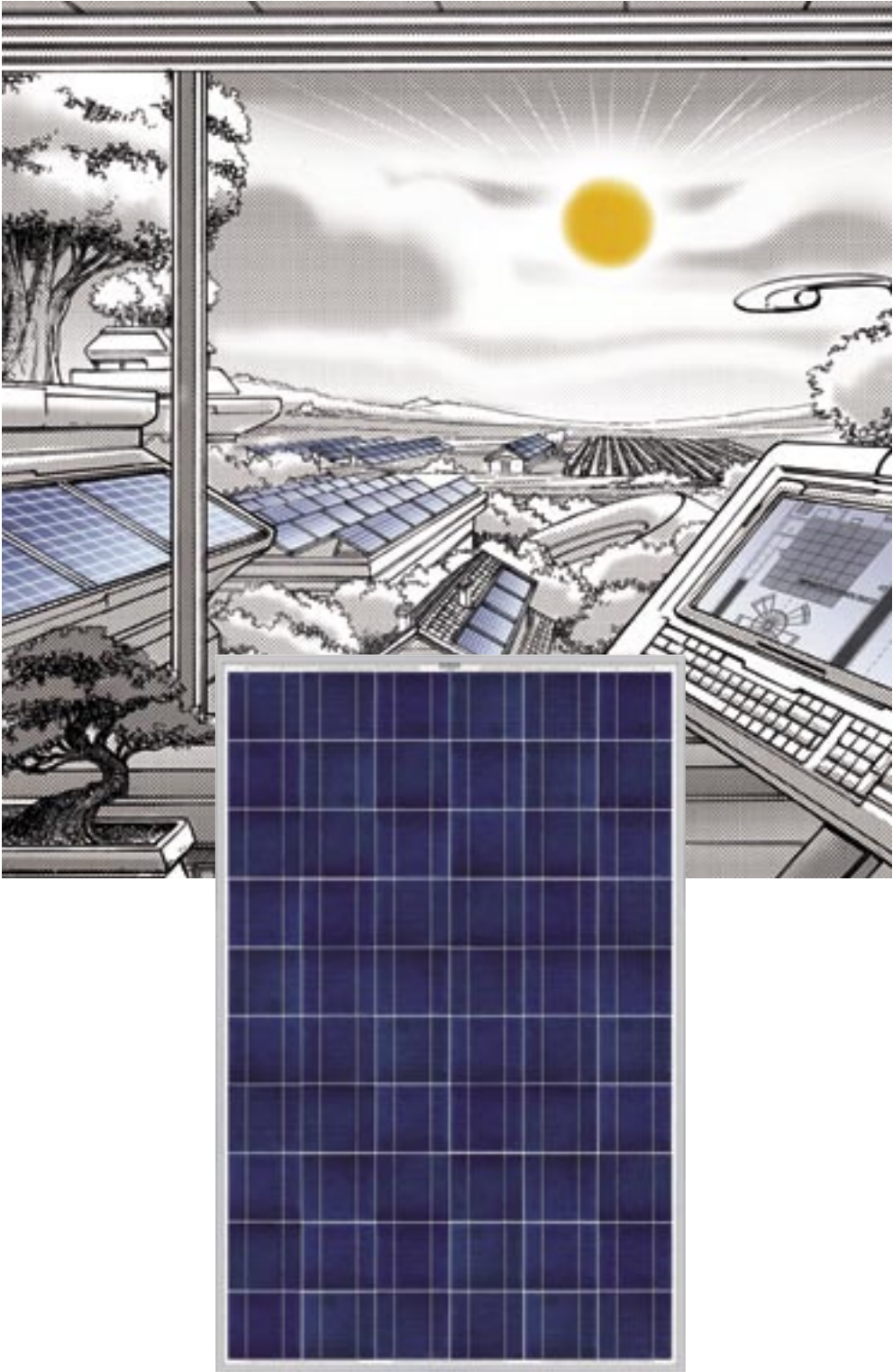


PROFILE



ASSOCIATIONS





PX60
225Wp

trend



PX60
225Wp

trend

PHOTOVOLTAIC MODULE PX60

MECHANICAL SPECIFICATIONS

	With frame	Frameless*
Lenght	1.665 mm	1.657 mm
Width	1.005 mm	997 mm
Module depth	43 mm	5 mm
Glass thickness	4 mm	4 mm
Area	1,67 m²	1,65 m²
Active area	1,46 m²	1,46 m²
Weight	22 kg	19,5 kg
Maximum mechanical load	540 kg/m²	240 kg/m²

PV SOLAR CELLS

Dimension	6"
Shape	Square
Quantity	60
Layout	10 x 6
Frontal glass	Tempered, prismatic glass with low iron contents
Cell encapsulation	E.V.A. (Ethylen-Vinyl Acetate)
Back-sheet**	PVF/PET/PVF or PET/PET
Frame	Extruded anodised aluminium
Junction box	IP65 class with 3 by-pass diodes, n.2 cables Ø 4mm with IP67 polarized connectors included

MULTICRYSTALLINE SILICON

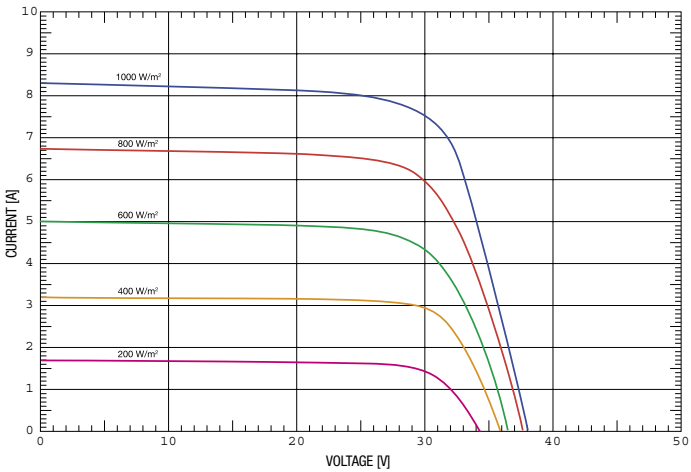
ELECTRICAL SPECIFICATIONS

		PX60-225
Module class peak power [0/+2,5 Wp]	Wp	225
Rated voltage [Vmpp]	V	28,9
Rated current [Impp]	A	7,87
Open circuit voltage [Voc]	V	37,55
Short circuit current [Isc]	A	8,48
Module efficiency [%]	module area	13,45
	active area	15,41
Module productivity	W / m²	134
Area per kWp	m² / kWp	7,4
Maximum system voltage	Vdc	1000
Reverse current load	A	20

*Frameless on request
** White, black, transparent on request

GRAPHS OF ENERGETIC BEHAVIOUR

PHOTOVOLTAIC MODULE PX60
(performance at different solar radiations)



The above values are measured by laboratories certified IEC 17025

Temperature coefficient [Isc]	% / °C	0,063
Temperature coefficient [Voc]	% / °C	-0,330
Temperature coefficient [Pmpp]	% / °C	-0,479
NOCT [± 3,5 °C]	° C	48

The values refer to the standard test conditions (STC: irradiation 1000 W/m2, spectrum AM 1,5, temperature 25°C)

- Fire class: C
- Temperature range: from -40°C to +85°C
- Hail impact: diameter of 25 mm with impact speed of 83 km/h
- Modules output: not less than 90% in 10 years, and 80% in 25 years
- 10 years warranty for manufacturing defects

