

ZEN® Power kP

190/195/200/205/210 Wp

DATA SHEET

ZEN® Renewables product
Photovoltaic Solar energy



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ZEN® Renewables offers Photovoltaic modules, which surpass all the quality standards stipulated in European markets. The highly efficient multi-crystalline solar modules on a 6"-wafer base are manufactured in Europe using only European Solar PV cells.

The ZEN® Power kP modules are delivered with aluminium casing and junctions. A Tyco junction box is fixed as standard. These solar modules, designed for a high output of power and profit, are mainly used in systems coupled with on-grid systems.

All ZEN® Renewables PV modules are suitable to be mounted with top class ZEN® Renewables frames and mounting materials: SolarConstruct, SolarFrame and SolarConsole.

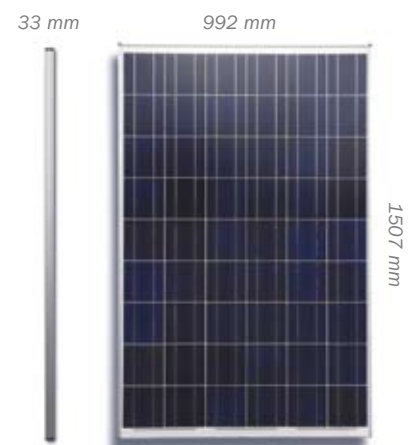
Connected to the Fronius (IG or IG plus) inverter, the ZEN® Renewables PV modules gives the best performances.

ZEN® Power kP: state-of-the-art PV Modules

- 100 % European product
- 190/195/200/205/210 Wp
- Each module same size
- Extra thin frame: 33 mm; weight only 16,5 kg
- Reinforced frame corners

Specifications (for all modules)

- Aluminium frame: 1507 mm x 992 mm x 33 mm (+/- 2 mm)
- Weight: ca. 16,5 kg
- Solar safety glass: Solatex 3.2 mm
- Backside: Isovolta
- Tests and certifications: Protection class II, IP 65, IEC 61215
- 54 polycrystalline PV cells, 156 mm x 156 mm
- Tyco-Solarlok®, max. system voltage 1000 V DC,
- Power tolerance (+/- 3%)
- Temperature coefficient: Pmpp= -0.43 %/K Uoc= -116.1 mV/K Isc = +4.40 mA/K(STC): AM1.5 / 1000 W pro m² / 25° C



Type	Pmpp	Ump	Impp	Uoc	Isc	Module efficiency
ZEN Power kP 190	190 Wp	26.11 V	7.40 A	32.62 V	7.85 A	12,7 %
ZEN Power kP 195	195 Wp	26.10 V	7.45 A	32.69 V	7.89 A	13,0 %
ZEN Power kP 200	200 Wp	26.24 V	7.63 A	32.89 V	8.02 A	13,4 %
ZEN Power kP 205	205 Wp	26.52 V	7.76 A	33.08 V	8.26 A	13,7 %
ZEN Power kP 210	210 Wp	26.68 V	7.89 A	33.20 V	8.42 A	14,0 %