

Data sheet

Type of module: glass/foil module **bifacial module EarthON-XXX, framed**

Dimensions.: W: 997 mm \pm 3 mm x H: 1.663 mm \pm 3 mm

Thickness : 39 mm \pm 1 mm (framed)

Weight app.: 22 kg (including frame)

Assembly: Front: 4mm toughened safety glass extra white, structured,
EVA encapsulation of solar cells
Rear, DNP™ foil, Transparent,
Frame: aluminium, silver eloxed

Arrangement: 60 pseudo square monocrystalline solar cells 156 x 156 mm,
series connection of 6 strings with 10 cells each,
gap string/string: 3 mm, gap cell/cell: 3 mm

Electrical data

Model No.	Voc (V)	Isc (A)	Pmp (W)	Vmp (V)	Imp (A)	Eff
PST 269 EarthON60	39.26	8.63	269	33.12	8.12	16.22%
PST 266 EarthON60	39.13	8.59	266	32.91	8.08	16.04%
PST 263 EarthON60	39	8.56	263	32.7	8.04	15.86%
PST 260 EarthON60	38.88	8.52	260	32.49	8	15.68%
PST 257 EarthON60	38.75	8.48	257	32.28	7.96	15.50%
PST 254 EarthON60	38.62	8.44	254	32.07	7.92	15.32%

Tolerances + / - 3 %

Note The electrical data applies to standard test condition (STC)
Irradiance at module level of 1000W/m² with spectrum AM 1.5
and cell temperature of 25⁰ C

Cell temperature coefficients power -0.36916 %/K
open-circuit voltage -0.29844 %/K
short-circuit current 0.04588 %/K

Limits Max. System voltage 1000V DC

Electr. interface: Connection box with bypass diodes, 3PCS
4 mm² solar cable, length 1000mm, prefabricated with Angel
CO,LTD. AJU2 plug, coded for plus and minus connection

Warranty 10 years 90%, 25 years 80% of output power
Standard test condition of irradiation of 1000 W/m², AM 1.5,
And cell temperature of 25°C STC (Standard Test Condition)

