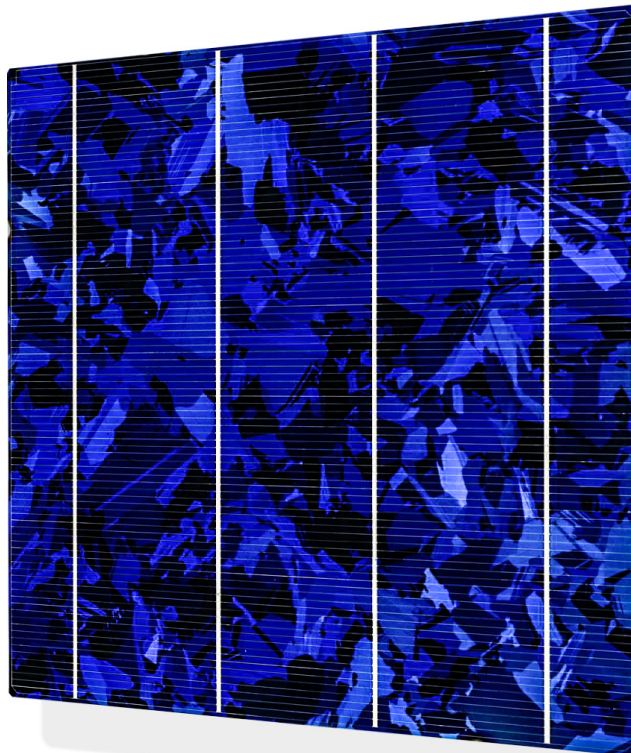


Photowatt® PWCELL6P-GEN4.0

Multicrystalline silicon Solar Cell
CT7A



▶ HIGH QUALITY CELLS

Multicrystalline PWCELL6P-GEN4.0 cells are processed on best-in-class production lines in France, which are continuously improved with best performing technologies.

Photowatt® is the commercial brand owned by the company EDF ENR PWT, subsidiary of EDF Energies Nouvelles group.

FRENCH SOLAR CELL
MULTICRYSTALLINE



Made in France

18,4% - 16,8%
TYPICAL EFFICIENCY



100% in-line optical inspection

CO2
LOW-CARBON



100% inspected for dark current
and shunt resistance

FRAUNHOFER
CELLS CALIBRATED BY
FRAUNHOFER ISE



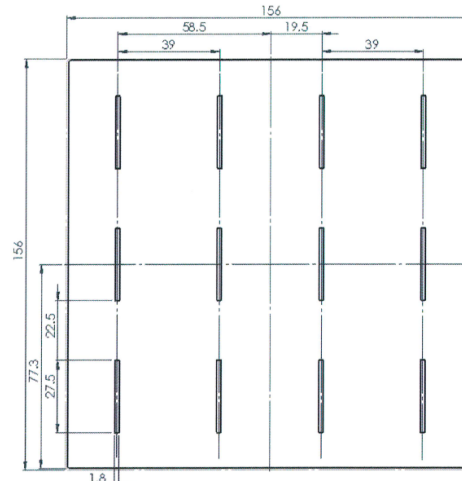
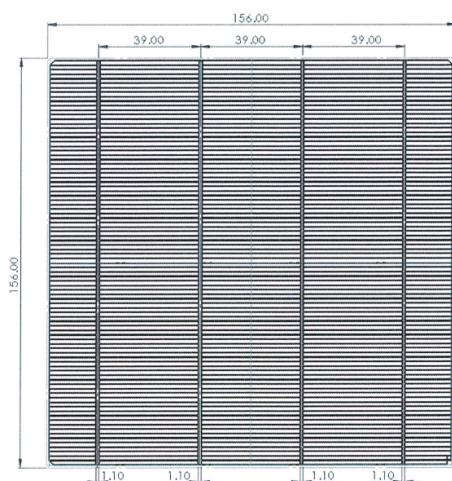
100% compliant with RoHS
lead-free regulation



ELECTRICAL CHARACTERISTICS

Efficiency (%)	Power (Wp/Pc)	ISC (A)	Voc (mV)	FF (%)
16.8	4.09	8.56	612	78.5
17	4.14	8.58	614	79.0
17.2	4.19	8.61	616	79.3
17.4	4.23	8.66	619	79.3
17.6	4.28	8.71	622	79.4
17.8	4.33	8.75	625	79.5
18	4.38	8.78	628	79.6
18.2	4.43	8.82	630	79.8
18.4	4.48	8.85	631	80.1

Temperature coefficients $I_{sc} = +0,06\%/^{\circ}C$; $V_{oc} = -0,34\%/^{\circ}C$; $P_{max} = -0,42\%/^{\circ}C$
 Measurement tolerances $\pm 4\%$
 Soldering Copper ribbons coated with 15 – 20 μm : 62% Sn / 36% Pb / 2% Ag or 96% Sn / 3,5% Ag / 0,5% Cu



Mechanical data and design

Cell size 156 mm x 156 mm ± 0.5 mm

Cell surface 243 cm² $\pm 3,12$ cm²

Thickness 200 μm $\pm 20\mu m$

Front (-)	Alkaline textured surface with SINx anti-reflective coating 3 bus bars in 1.55 mm width
Back (+)	Aluminum with silver pads 3 bus bars in 1.8 mm width

Storage conditions

Maintain cells in controlled environment : temperature between 10-30°C and humidity below 70%. Store only in closed original packaging. Do not stack more than 4 cardboard boxes. Do not stack pallets. Handle with care and shock-free. Recommended maximum shelf life: 6 months after date of delivery.

Packaging

1 box	100 cells
1 carton box	600 cells
1 pallet	24 000 cells

