

SUPSI

Swiss BiPV Competence Centre

Detail sheet

PV Tiles

GIELLENERGY



Product	GIELLENERGY
Producer / CH supplier	GIELLEPLAST
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Product specifics

Giellenergy tile is made of thermoplastic resin. The PV module is set inside the thermoplastic resin structure and is composed of two standard 156mm EVA encapsulated monocrystalline cells, covered with textured and tempered low-iron high transmittance (>92%) glass. Giellenergy tile is designed to optimize solar light exposure, as tiles are specifically shaped to prevent the chance of any shadow zone irrespectively of solar inclination.

Technology:	Monocrystalline
Power [W]:	8
Size [mm] L, w, t:	360 x 203 x 45
Specific power [W/m²]:	104
Price [CHF/m²]:	-
Module weight [Kg]:	1.5
Specific weight [Kg/m²]:	19.5
Min. tilt:	-
Custom made:	Color
Certifications:	IEC 61215/II e IEC 61730-2

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