

Kovas Tile

Glass / glass



≥ 30° roof Installation

Maximum power: 110 Wp/m²
Tile required: 12 tiles/m²

Facade installation

Maximum power: 103 Wp/m²
Tile required: 11.2 tiles/m²

Dimensions

Width: 400mm
Length: 400mm

Other parameters

Available colors: ●
Mounting systems: Nails, hooks

Tested in accredited laboratory	
IEC 61251-2: 2021	Wet leakage current test
IEC 61251-2: 2021	UV preconditioning test
IEC 61251-2: 2021	Climatic tests TC
IEC 61251-2: 2021	Climatic tests HF
IEC 61251-2: 2021	Climatic tests DH
IEC 61251-2: 2021	Hail test (25, 35 mm)
ISO 9001:2015	Quality management systems
ISO 14001:2015	Environmental management systems

Warranty	
10 years product warranty	-
20 years efficiency warranty	-
Power in year 20 (%)	85 %

Electrical Characteristics (STC*)	
Maximum power (W)	9.11
Voltage at maximum power point (Vmpp/V)	1.75
Current maximum power point (Impp/A)	5.21
Short circuit current (ISC/A)	5.42
Open circuit voltage (VOC/V)	2.06
Max system voltage (VDC)	1000
Max current (A)	20

*Under standard test conditions (STC) of irradiance of 1000W/sq.m., spectrum AM 1.5 and cell temperature of 25OC. Flash testing measurement accuracy of +/-5%.

Solar cells temperature coefficient	
Current temperature coefficient (α)	0,045% / °C
Voltage temperature coefficient (β)	0,25% / °C
Power temperature coefficient (δ)	0,32% / °C
Nominal operating module temperature	46 °C

Technical data	
Dimensions (LxWxH) (mm)	400x400x5
Weight (kg)	2
Front glass thickness (mm)	2
Front glass type	tempered low-iron satin
Back glass thickness (mm)	2
Back glass type	tempered, printed RAL 9005
Frame	Frameless
Operating temperature (oC)	-40 + +85
Junction box IP class	IP68
Cable cross section size (mm2)	4
Cable length	0.5 m
Connector	MC4

