

185 Wp Mono



Datasheet



Made in Turkey



TÜV Certified



Positive Power Tolerance



25 years linear performance warranty,
10 years product warranty

Superior Quality

A modern German production line with fully automated stringing and lamination area, unceasingly monitoring of every single step of the process. World leading companies as our raw material suppliers gives us the confidence to name our products as World-class.

It offers the highest quality and highest efficiency modules on the market. As we are aware of excellence, it always comes in search of perfection. We see our customers as life expectancy business partners.

25 years linear performance guarantee and 10 years product warranty. It guarantees a performance reduction of a maximum of 0.7%. during

25 years is a significant added value compared to two-phase guarantees that are common in the industry. 25 years product warranty.

185 Wp Mono



		185 MP
Max. Power	P_{max}	185 Wp
Open Circuit Voltage	U_{oc}	24.9 V
Mpp Voltage	U_{mpp}	20.02 V
Short Circuit Current	I_{sc}	9.71 A
Mpp Current	I_{mpp}	9.24 A
Efficiency	η_m	16.95 %

*STC: 1000W/m², 25°C, AM 1.5

Component Materials

Number of Cells	36
Celltype	Monocrystalline
Cellsize	156.75 mm x 156.75 mm
Front	Low-iron Tempered Glass
Back	Film, White
Frame	Anodized Aluminium
J-Box	IP67
Connector	MC4 Comp.

Dimensions/Weight

Length	1020 mm
Width	990 mm
Height	40 mm
Weight	12.2 kg

Thermal Characteristics

NOTC	46 °C
I_{sc}	0.041 %/K
U_{oc}	-0.30 %/K
P_{mpp}	-0.41 %/K

Optimal System Integration Parameters

Power sorting	-0 Wp / +5 Wp
Maximum system voltage	1000 V
Maximum reverse current	25 A
Load / Dynamic load	5.4 / 2.4 kN/m ²
Number of diodes	3
Operating temperature range	from -40°C to +85°C

