



Solartec
Green Energy Factory

STG 60-M Mono PERC 60cells



Premium Quality

Max Power: 300-330 Wp

Antireflective Coating

10 Years Product guarantee

25 Years Linear power out put guarantee

Made in Bahrain

19% Max Efficiency

+ Guaranteed positive power tolerance

Monocrystalline PERC Solar cell

APPLICATIONS:

Residential

Industrial

PV parks



STG 60-M

ELECTRICAL DATA STC - 1000 W/m² - AM 1,5 - 25°C

MODULE TYPE		STG 60-M 300	STG 60-M 330	
MAXIMUM POWER	P_{max}	300	330	W_p
OPEN-CIRCUIT VOLTAGE	V_{OC}	39.72	41.26	V
SHORT-CIRCUIT CURRENT	I_{SC}	10.12	10.17	A
VOLTAGE AT POINT OF MAXIMUM POWER*	V_{mpp}	34.08	35.91	V
CURRENT AT POINT OF MAXIMUM POWER*	I_{mpp}	9.07	9.19	A

*The values are indicative and may be subject to changes. Electrical measurements have a tolerance of +/- 5%.

GENERAL DATA

DIMENSIONS MM	1703X1016X40MM
WEIGHT KG	19KG
CELLS	Monocrystalline M4 60 cells
FRONT COVERAGE	ARC Glass
ENCAPSULANT MATERIAL	EVA
BACK COVERAGE	PPE
FRAME MATERIAL	Anodized aluminium
CONNECTION BOX	IP65, 3 bypass diodes
CONNECTOR	MC4

CONDITIONS OF OPERATIONS

TEMPERATURE	-40 bis +90°C
MAXIMUM LOAD	2400 Pa (240 kg/m ²)

TEMPERATURE COEFFICIENT

NOCT - Normal Operating Cell Temperature	43±2°C	
I_{SC}	% /C	0.05
V_{OC}	%/C	-0.37
P_{max}	%/C	-0.32

ARC Glass

LIMIT VALUES

MAXIMUM SYSTEM VOLTAGE	1500 V
OVER-CURRENT PROTECTION	20 A

