



# STG 72-M

## Mono PERC 72cells



Premium Quality

Max Power: 400 Wp

Antireflective Coating

10 Years Product guarantee

25 Years Linear power output guarantee

Made in Bahrain

20% Module Efficiency

Monocrystalline PERC Solar cells Efficiency 22.3%

### APPLICATIONS:

Residential

Industrial

PV parks



## STG 72-M

ELECTRICAL DATA STC - 1000 W/m<sup>2</sup> - AM 1, 5 - 25°C

MODULE TYPE		STG 72-M	
MAXIMUM POWER*	$P_{max}$	400	$W_p$
OPEN-CIRCUIT VOLTAGE	$V_{OC}$	48.2	V
SHORT-CIRCUIT CURRENT	$I_{SC}$	10.29	A
VOLTAGE AT POINT OF MAXIMUM POWER*	$V_{mpp}$	40.08	V
CURRENT AT POINT OF MAXIMUM POWER*	$I_{mpp}$	9.36	A

\*Max Power tolerance +/- 2%.

\*The values are indicative and may be subject to changes. Electrical measurements have a tolerance of +/- 3%.

### GENERAL DATA

DIMENSIONS MM	2026X1016X40MM
WEIGHT KG	22KG
CELLS	Monocrystalline M4 72 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 <sup>2</sup> )

### 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	15 A

