

# SPECIFICATION 60 CELL POLYCRYSTALLINE

Electrical data at 1000 W/m<sup>2</sup>, 25°C and A.M. 1.5 (STC in accordance with IEC 60904-3)

MODEL NAME	SRS P60-265	SRS P60-270	SRS P60-275	SRS P60-280
Rated power at STC	265 Wp	270 Wp	275 Wp	280 Wp
Module efficiency at STC	16.32%	16.63%	16.94%	17.15%
Open circuit voltage (V <sub>oc</sub> )	38.30 V	38.60 V	38.90 V	39.20 V
Short circuit current (I <sub>sc</sub> )	9.04 A	9.17 A	9.29 A	9.32 A
Max power voltage (V <sub>pm</sub> )	30.80 V	30.90 V	31.10 V	31.20 V
Max power current (I <sub>pm</sub> )	8.61 A	8.74 A	8.85 A	8.97 A

## Thermal data

Temperature coefficient open circuit voltage	-0.34% / °K
Temperature coefficient short circuit current	+0.05% / °K
Temperature coefficient rated power	-0.4% / °K
NOCT (normal operating cell temperature)	46°C ± 2°C

## Mechanical data

Number of cells & cell	60 Polycrystalline solar cells (157 mm X 157 mm)
Type dimensions (L X W X T)	1670 mm x 1006 mm x 35 mm
Weight	25 Kg
Double glass	2 mm high transmission tempered glass
Number of bypass diodes	3
Junction box and panel	IP67
Cables	4 mm <sup>2</sup> solar cables, length 1200 mm
Connectors	MC4 compatible

## Permissible operating conditions

Operating temperature range	-40°C TO 85°C
Max. System voltage	1500 VDC
Max. Reverse current	20 A
Max. Surface load capacity	5400 Pa
Protection class	II
Ingress protection	IP67

