

SUNSOLAR®-Polycrystalline Type SPE240-SPE265

Technical Characteristics

Cell Type	60 (6 x 10) Polycrystalline cells, 156mm x 156mm
Dimensions	1001 x 1665 x 42 mm (39.41" x 65.55" x 1.65")
Weight	(18,5 +/- 1) kg (40,8 lbs)
Front Glazing	3,2 mm thick, Tempered Glass
Back Sheet	White Multilayer Sheet
Encapsulation	EVA (Ethylene vinyl acetate)
Frame Material	Anodized Aluminium
Diodes	3 Bypass Diodes
Junction Box	IP65 rated
Cable Connectors	Length 1000mm/1200mm, MC4 compatible
Max Load	5400 Pa
Max Reverse Current	15A
Operating Temperature	-40 to 85°C
NOCT	46°C +/- 2°C
Temp. Coef. P _{max}	-0.43 %/°C
Temp. Coef. Voc	-0.31 %/°C
Temp. Coef. Isc	0.05 %/°C



Electrical Characteristics (STC)		SPE265	SPE260	SPE255	SPE250	SPE245	SPE240
Maximum Power (P _{max})	Wp	265	260	255	250	245	240
Power Tolerance	Wp	0 / + 5					
Voltage at P _{max} (V _{mpp})	V	31.3	31.0	30.7	30.5	30.1	29.8
Current at P _{max} (I _{mpp})	A	8.5	8.4	8.3	8.2	8.2	8.1
Open Circuit Voltage (V _{oc})	V	38.7	38.4	38.1	37.8	37.5	37.3
Short Circuit Current (I _{sc})	A	9.0	8.9	8.8	8.7	8.7	8.6
Maximum System Voltage	V	1000V					
Module Efficiency	%	15.9	15.6	15.3	15.0	14.7	14.4

Under standard test conditions (STC): irradiance @ 1000 W/m², AM 1.5, cell temperature @ 25 °C

NOCT							
P _{mpp}	W	194	190	186	183	179	175
Voltage at P _{mpp} (V _{mpp})	V	28.1	27.8	27.6	27.2	27.0	26.8
Current at P _{mpp} (I _{mpp})	A	6.9	6.8	6.7	6.6	6.6	6.5
Open Circuit Voltage (V _{oc})	V	35.1	35.0	34.9	34.8	34.7	34.7
Short Circuit Current (I _{sc})	A	7.4	7.3	7.2	7.1	7.0	7.0

Under Normal Operating Cell Temperature (NOCT): irradiance @ 800 W/m², AM 1.5, cell temperature @ 46 °C

Electrical Parameters are subject to change and not guaranteed for all production batches.

BÜYÜKDERE CAD. NO:32 PEKINTAŞ İŞ MERKEZİ 34388 MECİDİYEKÖY – İSTANBUL / TÜRKİYE

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