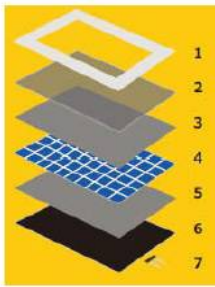


Solar panels SUNGOLD



Construction drawing

- 1: Anodized Alu Frame
- 2: Tempered Glass
- 3: EVA
- 4: Solar cell
- 5: EVA
- 6: Backsheet
- 7: J-box



Electrical Characteristics

Model:	SGP-135W-18	SGP-140W-18	SGP-145W-18
Cells size (mm):	156X156	156X156	156X156
Cells per module:	4*9	4*9	4*9
Module size (mm):	674X1482X35	674X1482X35	674X1482X35
Power tolerance:	+/-3%	+/-3%	+/-3%
Nominal peak power(WP):	135W	140W	145W
Nominal voltage(V):	18.2	18.4	18.6
Nominal current (A):	7.41	7.6	7.8
NOCT:	22.1	22.3	22.5
Open circuit voltage (Voc):	8.01	8.21	8.42
Short circuit current(Isc):	15.40%	16.00%	16.60%
Solar module efficiency	13.52%	14.00%	14.52%
Cell Conversion efficiency:	-40 to+85°C		
Max system voltage:	1000V DC		
Net Weight(kg)	13.4kg	13.4kg	13.4kg
Junction box	IP65, 1000VDC, TÜV certified		
Number of Bypass Diodes & Type	2		
Standard Test Conditions	STC: AM=1.5, 1000W/m2, Cells Temperature 25°C		
Product Certifications	IEC61215, IEC61730,CE,ROHS		CE,ROHS