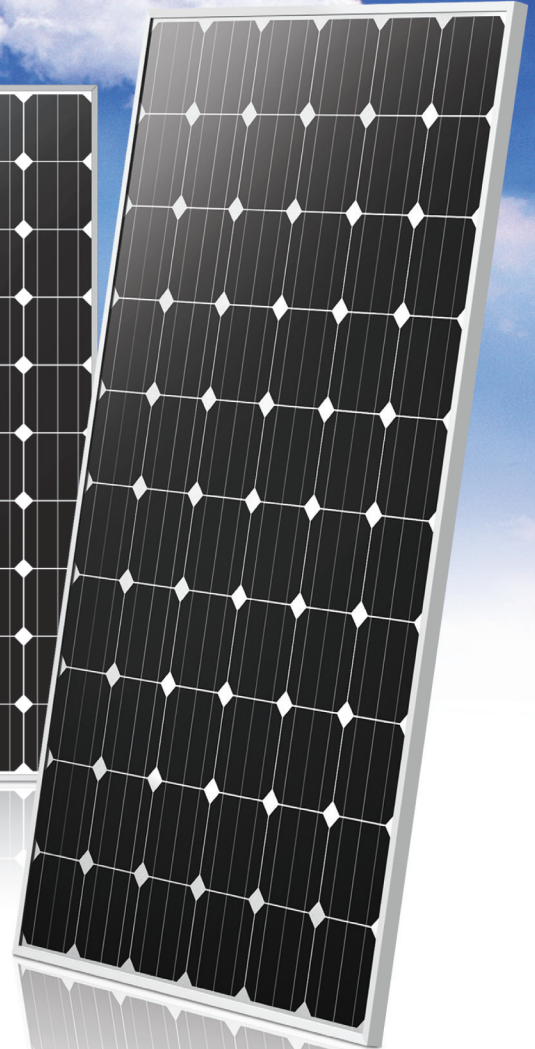
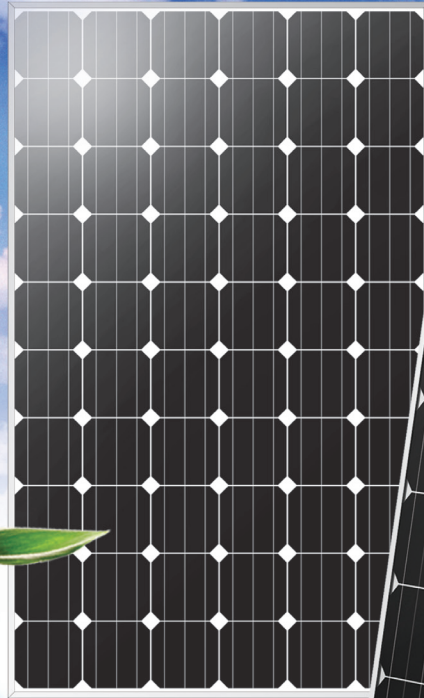


Value Creation is our Goal

Hansol is leading the way to as a developer of more lasting values, delivering a sense of warmth to all sectors of society, making the earth healthier, and becoming a company loved and trusted by all customers. Hansol, a company that creates the world's top value through challenge and creation.

This is the future of HANSOL.



		HS240SB	HS245SB	HS250SB	HS255SB	HS260SB
Maximum power	P _{max} (Wp)	240	245	250	255	260
Maximum power voltage	V _{mp} (v)	29.80	29.90	30.00	30.10	30.20
Maximum power current	I _{mp} (A)	8.08	8.21	8.35	8.49	8.61
Open circuit voltage	V _{oc} (V)	37.30	37.40	37.50	37.60	37.70
Short circuit current	I _{sc} (A)	8.61	8.72	8.85	8.96	9.07
Cell type / No. of cell		156 X 156mm [6X6 in.] Mono-crystalline silicon / 60 cells [6X10 matrix]				
Module efficiency	%	14.99%	15.31%	15.62%	15.93%	16.24%
NOCT	°C	44.57 ± 2°C				
Temperature Coefficients	P _{max} [%/°C]	-0.43				
	V _{oc} [%/°C]	-0.32				
	I _{sc} [%/°C]	0.04				
	P _{max} [W/°C]	-1.032	-1.054	-1.075	-1.097	-1.118
	V _{oc} [V/°C]	-0.119	-0.120	-0.120	-0.120	-0.121
	I _{sc} [A/°C]	0.003	0.003	0.004	0.004	0.004

▶ Performance at standard test conditions(STC) : Irradiance 1000W/m², AM 1.5, and cell temperature 25°C

▶ The rated power may vary by 0Wp/ +4.99Wp and all other electrical parameters by ±3%

Physical Characteristics

Module dimensions	1630 x 982 x 46 mm 64.17 x 38.66 x 1.81 inch
Module Weight	18.80 kg (41.51 lb)
Junction box	IP65 with bypass diode
Frame	Anodized aluminum
Front glass	3.2mm Tempered glass
Output cable	(+)1012mm, (-)1012mm, 12 AWG

System Intergration Parameters

Maximum System Voltage	1000 VDC (TUV), 600 VDC (UL)
Maximum series Fuse rating	15A
Maximum reverse current	Do not apply external voltages higher than Voc to the module

Safety ratings & Warranties

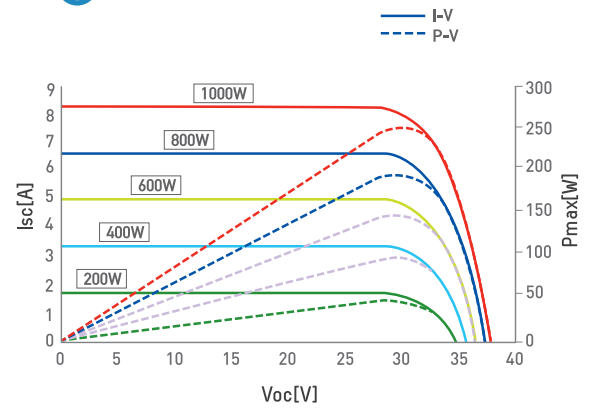
Fire Safety Classification	Class C
Certifications	IEC 61215, IEC 61730, UL 1703
Product	10 year
Performance	10 years output power warranty(>90%) 25 years output power warranty(>80%)

Qualification Test

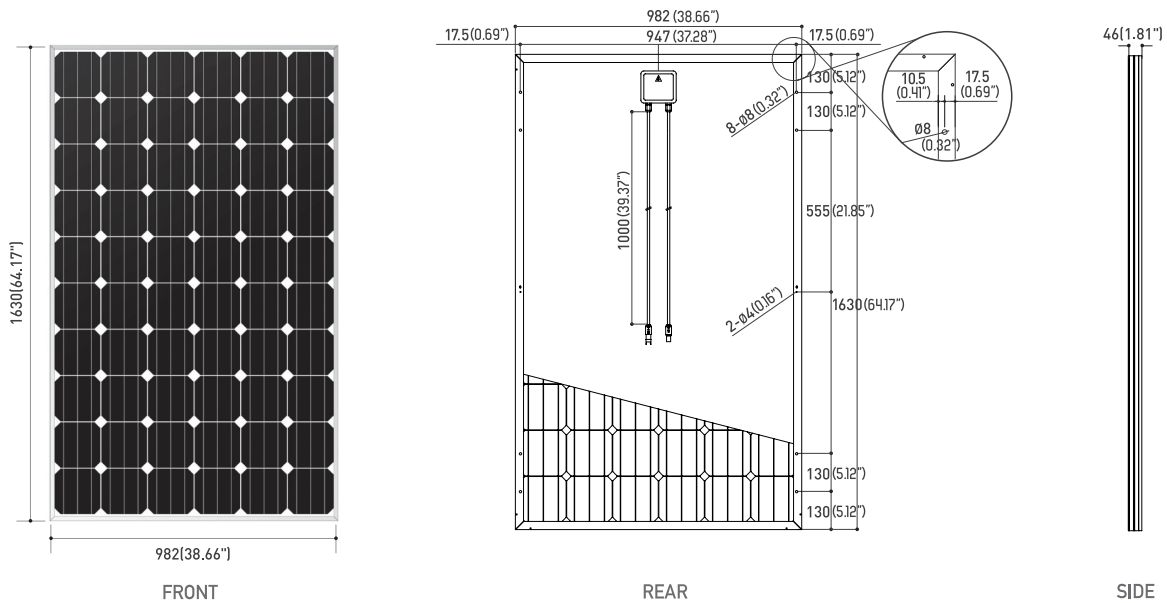
Temp cycling range	- 40°C ~ 85°C (- 40°F ~ 185°F)
Damp heat test	85°C(185°F)& 85% relative humidity for 1000 hr
Maximum Load	5400 Pa
Hailstone impact test	25mm hail at 23m/s from distance



I-V & P-V Curve



MODULE DIAGRAM (unit : mm, inch)



The warranties and specifications are subject to change without notice for improvement.

