

TEMPERATURE COEFFICIENTS

NOCT	45+/-2 C
Voltage temperature coef cient(Voc)	-0.35%/ C
Current temperature coef cient(Isc)	+0.033%/ C
Power temperature coef cient(Pmpp)	-0.40%/ C
Minimum power tolerance	0 +3%

NOCT:Nominal Operating cell Temperature:-40 C to + 85 C

MECHANICAL DATA

Solar Cell	72 Poly-crystalline 156*156mm
Front Glass	4.0mm tempered
Junction Box	IP65
Output Cables	1000mm length cable/compliable with MC connectors
Frame	Anodized aluminmu
Weight	27Kg
Dimension	1958*993*50mm

WARRANTY AND CERTIFICATIONS

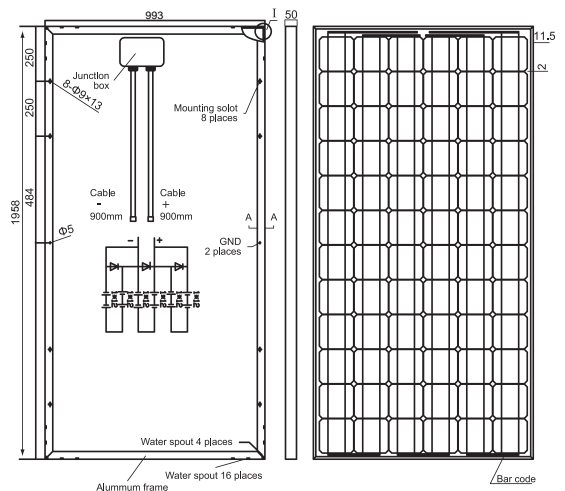
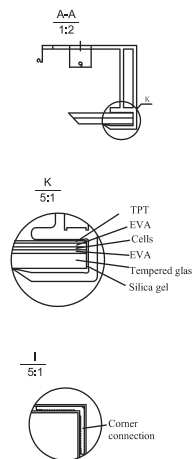
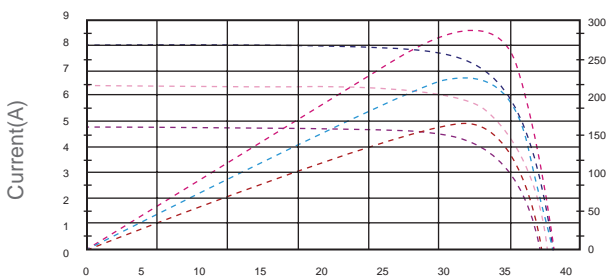
Warranty	10 years workmanship, 12 years 90%, 25 years 80% power warranty
Certi cation	TUV pending, CE, ETL

ELECTRICAL DATA

Nominal peak power(Wp)	275W	280W	285W	290W	295W	300W
Nominal voltage(Vmp)	35.9V	36.0V	36.1V	36.2V	36.3V	36.4V
Nominal current(Imp)	7.66A	7.78A	7.89A	8.01A	8.13A	8.24A
Open circuit voltage(Voc)	44.4V	44.5V	44.7V	44.8V	44.9V	45.0V
Short circuit current(Isc)	8.26A	8.39A	8.50A	8.60A	8.74A	8.87A
Module ef ciency	14.0%	14.2%	14.5%	14.7%	15.0%	15.2%
Operating Temperatre	-40 to +85 C					
Maximum System Voltage	1000V DC					

STC:1000W/m²,25 C,AM=1.5

Characteristics
Module IV Graph SEGP6-72



Voltage(V)

—●— STC IV data —●— 800W/m² IV data —●— 600W/m² IV data —●— STC IV data —●— 800W/m² PV data —●— 600W/m² PV data

