

SEGM5-72 (180w-200w)

TEMPERATURE COEFFICIENTS

NOCT	45+/-2°C
Voltage temperature coefficient(Voc)	-0.35%/°C
Current temperature coefficient(Isc)	+0.033%/°C
Power temperature coefficient(Pmpp)	-0.44%/°C
Minimum power tolerance	0~+3%

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

MECHANICAL DATA

Solar Cell	72 Mono-crystalline 125*125mm
Front Glass	3.2mm tempered
Junction Box	IP65 or IP67 rated(Aluminium)
Output Cables	900mm length cable/compliable with MC IV connectors
Frame	Anodized aluminmu
Weight	15Kg
Dimension	1580*808*35mm

WARRANTY AND CERTIFICATIONS

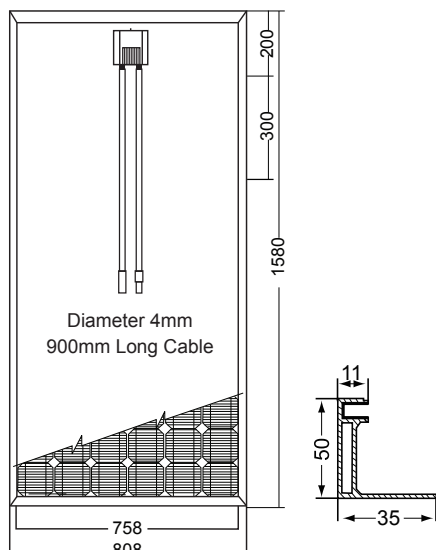
Warranty	10 years workmanship, 12 years 90%, 25 years 80% power warranty
Certification	IEC61215, Safety tested IEC61730, CE



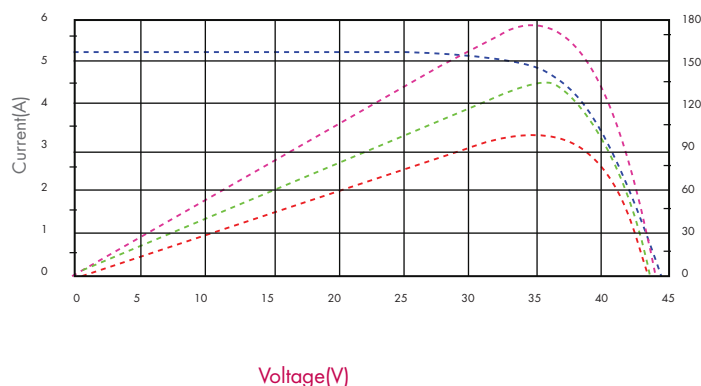
ELECTRICAL DATA

Nominal peak power(Wp)	180W	185W	190W	195W	200W
Nominal voltage(Vmp)	36.0V	36.2V	36.2V	36.4V	36.6V
Nominal current(Imp)	5.00A	5.11A	5.25A	5.35A	5.46A
Open circuit voltage(Voc)	45.0V	45.2V	45.4V	45.6V	45.8V
Short circuit current(Isc)	5.20A	5.32A	5.44A	5.62A	5.67A
Module efficiency	14.1%	14.5%	14.9%	15.2%	15.6%
Operating Temperatre	-40 to +85°C				
Maximum System Voltage	1000V DC				

STC:1000W/m², 25°C, AM=1.5



Characteristics
Module IV Graph SEGM5-72



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