

# SEGM6-48TP (180w-200w)

## TEMPERATURE COEFFICIENTS

NOCT	45 +/-2°C
Voltage temperature coefficient(Voc)	-0.37%/°C
Current temperature coefficient(Isc)	+0.035%/°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	48 Mono-crystalline 156x156mm Transparent
Front Glass	3.2mm tempered
Junction Box	IP65 or IP67 rated (Aluminium)
Output Cables	1000mm length cable/compliable with MC IV connectors
Frame	Anodized aluminium
Weight	16Kg
Dimension	1338x993x40mm

## WARRANTY AND CERTIFICATIONS

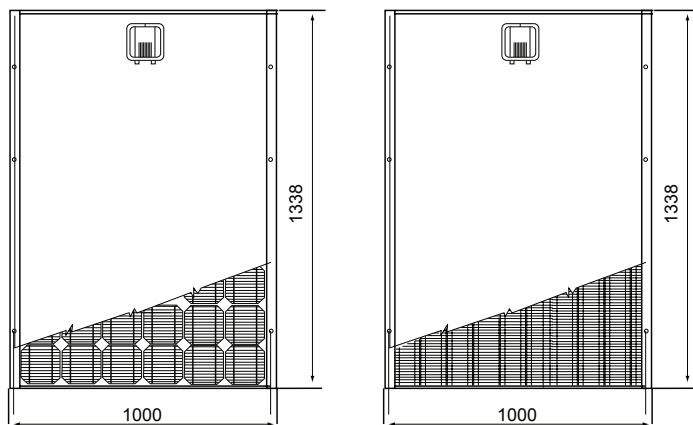
Warranty	10 years workmanship, 12 years 90%, 25 years 80% power warranty
Certification	IEC61215, Safety tested IEC61730, CE, ETL



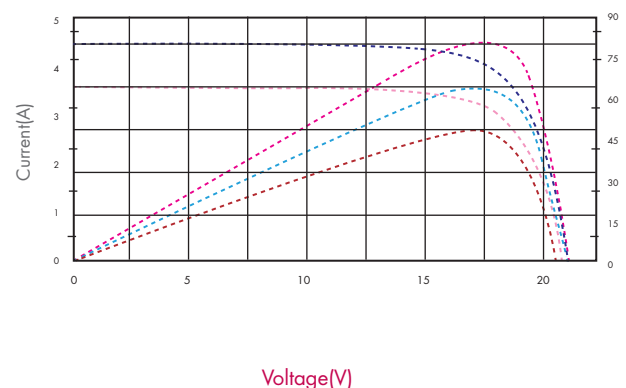
## ELECTRICAL DATA

Nominal peak power(Wp)	180W	185W	190W	200W
Nominal voltage(Vmp)	23.8V	24.2V	24.6V	25.0V
Nominal current(Imp)	7.56A	7.64A	7.72A	8.0A
Open circuit voltage(Voc)	29.6V	30.0V	30.4V	30.6V
Short circuit current(Isc)	8.44A	8.56A	8.68A	8.71A
Module efficiency	13.5%	13.8%	14.2%	14.9%
Operating Temperatre	-40 to +85°C			
Maximum System Voltage	1000V DC			

STC:1000W/m<sup>2</sup>, 25°C, AM=1.5



Characteristics  
Module IV Graph SEGP6-48TP



—○— STC IV data —○— 800W/m<sup>2</sup> IV data —○— 600W/m<sup>2</sup> IV data —○— STC IV data —○— 800W/m<sup>2</sup> PV data —○— 800W/m<sup>2</sup> PV data