

TEMPERATURE COEFFICIENTS

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

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



MECHANICAL DATA

Solar Cell	54 Poly-crystalline 156x156mm
Front Glass	3.2mm tempered
Junction Box	IP65
Output Cables	1000mm length cable/compliable with MC IV connectors
Frame	Anodized aluminium
Weight	18kg
Dimension	1496x992x40mm

WARRANTY AND CERTIFICATIONS

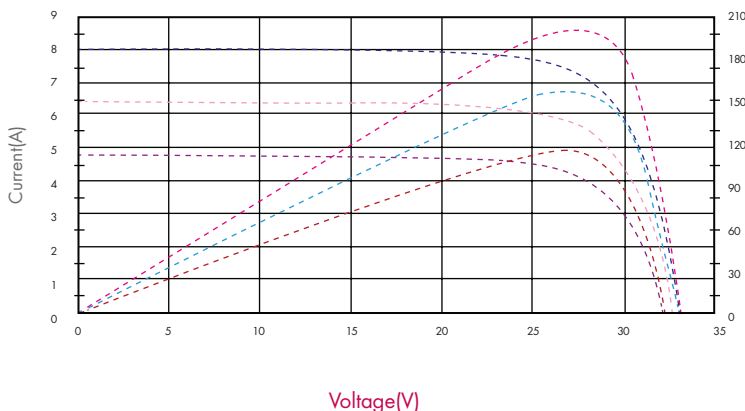
Warranty	10 years workmanship, 12 years 90%, 25 years 80% power warranty
Certification	IEC61215, Safety tested IEC61730, CE, ETL

ELECTRICAL DATA

Nominal peak power(Wp)	200W	210W	215W
Nominal voltage(Vmp)	26.6V	27.0V	27.2V
Nominal current(Imp)	7.52A	7.78A	7.90A
Open circuit voltage(Voc)	33.2V	33.6V	33.8V
Short circuit current(Isc)	8.36A	8.44A	8.60A
Module efficiency	13.4%	14.0%	14.4%
Operating Temperature	-40 to +85°C		
Maximum System Voltage	1000V DC		

STC:1000W/m²,25°C,AM=1.5

Characteristics
Module IV Graph SEGP6-54



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

