

TEMPERATURE COEFFICIENTS

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

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

MECHANICAL DATA

Solar Cell	36 Poly-crystalline 156*156mm
Front Glass	3.2mm tempered
Junction Box	IP65 or IP67 rated (Aluminium)
Output Cables	1000mm length cable/compliable with MC IV connectors
Frame	Anodized aluminmu
Weight	13Kg
Dimension	1483*665*35mm

WARRANTY AND CERTIFICATIONS

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

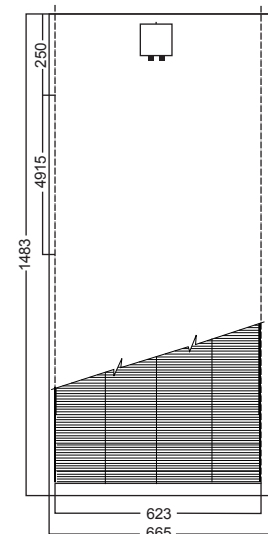
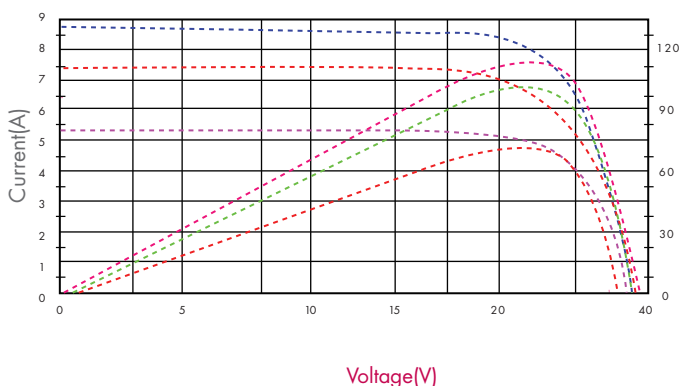
ELECTRICAL DATA

Nominal peak power(Wp)	100W	110W	120W	130W	135W	140W
Nominal voltage(Vmp)	17.2V	17.2V	17.2V	17.6V	17.8V	18.0V
Nominal current(Imp)	5.81A	6.40A	6.98A	7.39A	7.58A	7.78A
Open circuit voltage(Voc)	21.60V	21.60V	21.6V	22.0V	22.2V	22.4V
Short circuit current(Isc)	6.61A	6.98A	7.72A	8.21A	8.45A	8.68A
Module efficiency	10.2%	11.2%	12.2%	13.2%	13.7%	14.2%
Operating Temperatre	-40 to +85°C					
Maximum System Voltage	1000V DC					

STC: 1000W/m², 25°C, AM=1.5



Characteristics
Module IV Graph SEGP6-36



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

