

SEGM6-36 (120w-140w)

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	36 Mono-crystalline 156 x156mm
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	13Kg
Dimension	1483x665x35mm

WARRANTY AND CERTIFICATIONS

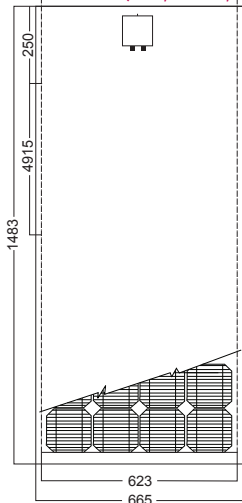
Warranty	10 years workmanship, 12 years 90%, 25 years 80% power warranty
Certification	IEC61215, Safety tested IEC61730, CE



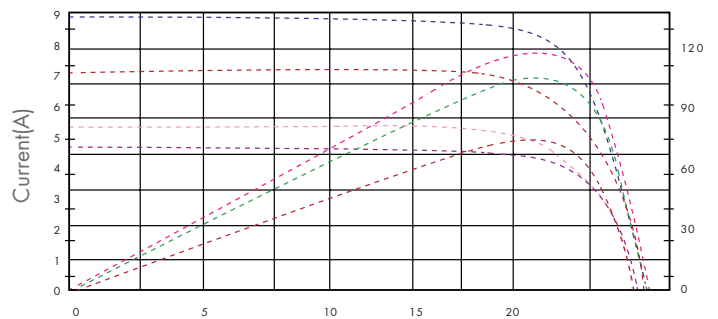
ELECTRICAL DATA

Nominal peak power(Wp)	120W	130W	140W
Nominal voltage(Vmp)	17.2V	17.2V	17.2V
Nominal current(Imp)	6.98A	7.56A	8.14A
Open circuit voltage(Voc)	21.60V	21.60V	21.60V
Short circuit current(Isc)	7.50A	8.02A	8.64A
Module efficiency	12.2%	13.2%	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 SEGM6-36



Voltage(V)

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

