

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	96 Mono-crystalline 125x125mm
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	23Kg
Dimension	1582x1068x50mm

WARRANTY AND CERTIFICATIONS

Warranty	10 years workmanship, 12 years 90%, 25 years 80% power warranty
Certification	

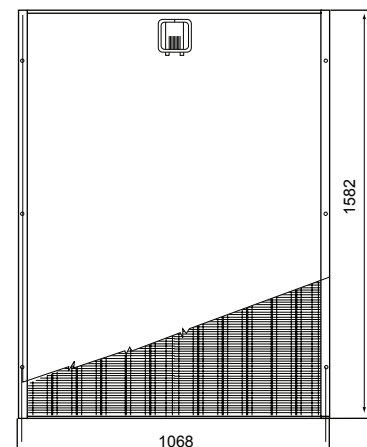
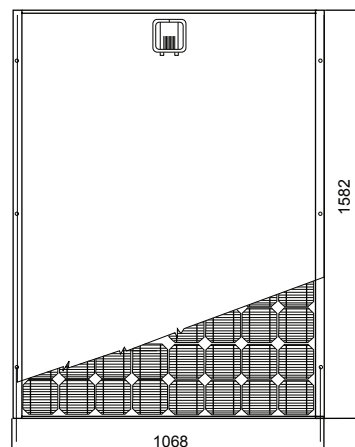
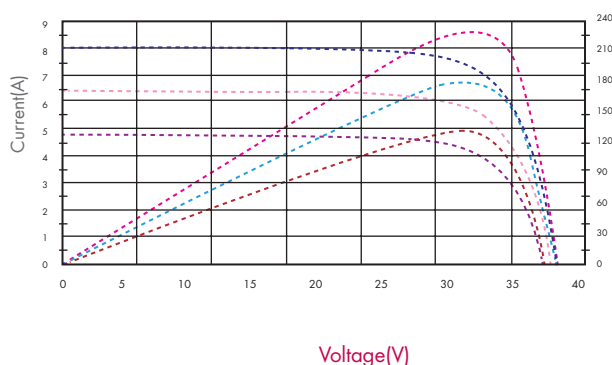
ELECTRICAL DATA

Nominal peak power(Wp)	240W	250W	260W
Nominal voltage(Vmp)	48.4V	48.6V	48.8V
Nominal current(Imp)	4.96A	5.14A	5.33A
Open circuit voltage(Voc)	60.4V	60.6V	60.8V
Short circuit current(Isc)	5.30A	5.43A	5.55A
Module efficiency	14.2%	14.8%	15.4%
Operating Temperatre	-40 to +85°C		
Maximum System Voltage	1000V DC		

STC:1000W/m²,25°C,AM=1.5



Characteristics
Module IV Graph SEGM5-96



Voltage(V)

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

