

SFR100-110W Flexible solar module

ELECTRICAL CHARACTERISTICS(STC*)

Model No.(SFP)	100W	105W	110W
Maximum Power at STC(Pmax)	100W	105W	110W
Maximum Power Voltage(Vmp)	19.20V	19.52V	19.82V
Maximum Power Current(Imp)	5.21A	5.38A	5.55A
Open Circuit Voltage(Voc)	23.04V	23.42V	23.78V
Short Circuit Current(Isc)	5.68A	5.86A	6.05A
Maximum System Voltage(V)	500V DC(IEC)		
Maximum Series Fuse Rating(A)	15A		
Power Tolerance(%)	0~+3%		
NOCT	45±2℃		
Pmax Temperature Coefficient	-0.46%/℃		
Voc Temperature Coefficient	-0.346%/℃		
Isc Temperature Coefficient	0.065%/℃		
Operating Temperature	-40~+85℃		

*STC(Standard Test Condition):Irradiance 1000w/m2,module temperature 25℃,AM1.5

Best in Class AAA solar simulator(IEC 60904-9)is used,with power measurement uncertainty within ±3%

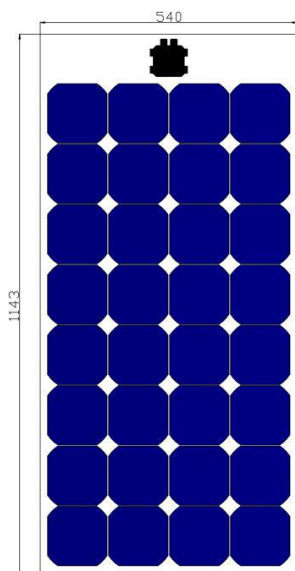
PACKING CONFIGURATION

Packing Quantity	32pcs/carton
Quantity/pallet	128pcs/pallet
Loading Capacity	1280pcs/20ft

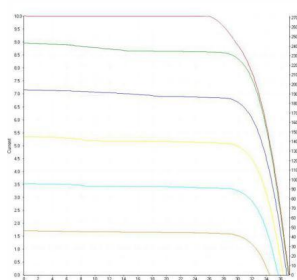
MECHANICAL CHARACTERISTICS

Solar Cells	32(4×8)U.S.A sunpower Solar Cells 125×125mm
Encapsulant	ETFE
Encapsulant	EVA(Ethylene-Vinyl Acetate)
Encapsulant	PET
Junction Box	IP67 rated,with serviceable bypass diodes
Cables	UV resistant solar cable 4mm ² (Optional)
Connectors	MC4 connectors (Optional)
Dimensions(L×W×H)	1143×540×21mm
Weight	1.8Kg
Max.Load	Wind Load:1200Pa/Snow Load:2700Pa

ENGINEERING DRWAINGS SFR100W



I-V CURVES (SFR100W)



SFR110-130W Flexible solar module

ELECTRICAL CHARACTERISTICS(STC*)

Model No.(SFP)	110W	115W	120W	125W	130W
Maximum Power at STC(Pmax)	110W	115W	120W	125W	130W
Maximum Power Voltage(Vmp)	21.60V	21.83V	22.03V	22.25V	22.50V
Maximum Power Current(Imp)	5.10A	5.27A	5.45A	5.62A	5.78A
Open Circuit Voltage(Voc)	25.92V	26.19V	26.43V	26.70V	27.00V
Short Circuit Current(Isc)	5.55A	5.74A	5.94A	6.12A	6.30A
Maximum System Voltage(V)	500V DC(IEC)				
Maximum Series Fuse Rating(A)	15A				
Power Tolerance(%)	0~+3%				
NOCT	45±2℃				
Pmax Temperature Coefficient	-0.46%/℃				
Voc Temperature Coefficient	-0.346%/℃				
Isc Temperature Coefficient	0.065%/℃				
Operating Temperature	-40~+85℃				

*STC(Standard Test Condition):Irradiance 1000w/m2,module temperature 25℃,AM1.5

Best in Class AAA solar simulator(IEC 60904-9)is used,with power measurement uncertainty within ±3%

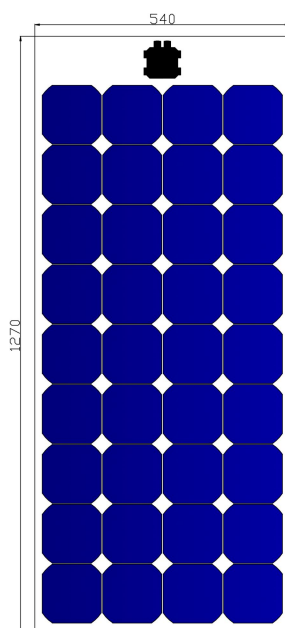
PACKING CONFIGURATION

Packing Quantity	32pcs/carton
Quantity/pallet	128pcs/pallet
Loading Capacity	1152pcs/20ft

MECHANICAL CHARACTERISTICS

Solar Cells	36(4×9)U.S.A sunpower Solar Cells 125×125mm
Encapsulant	ETFE
Encapsulant	EVA(Ethylene-Vinyl Acetate)
Encapsulant	PET
Junction Box	IP67 rated,with serviceable bypass diodes
Cables	UV resistant solar cable 4mm ² (Optional)
Connectors	MC4 connectors (Optional)
Dimensions(L×W×H)	1270×540×21mm
Weight	2Kg
Max.Load	Wind Load:1200Pa/Snow Load:2700Pa

ENGINEERING DRWAINGS SFR120W



I-V CURVES (SFR120W)

