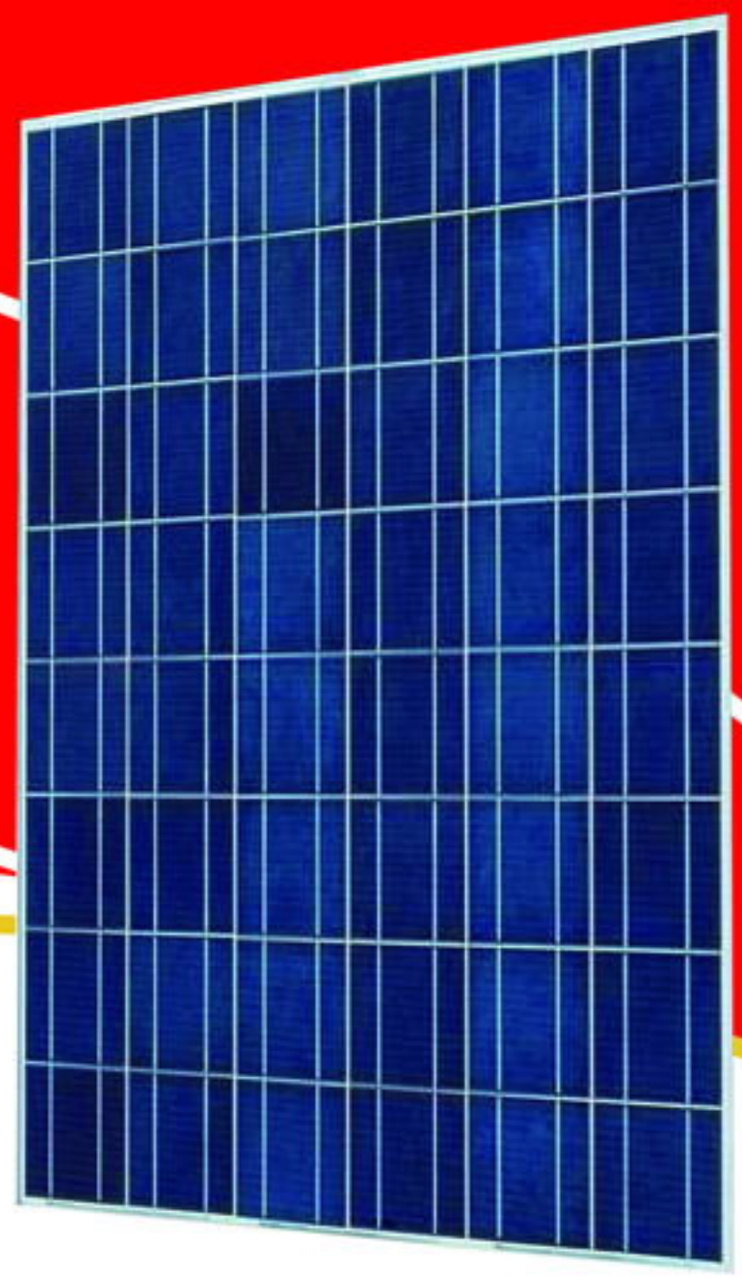
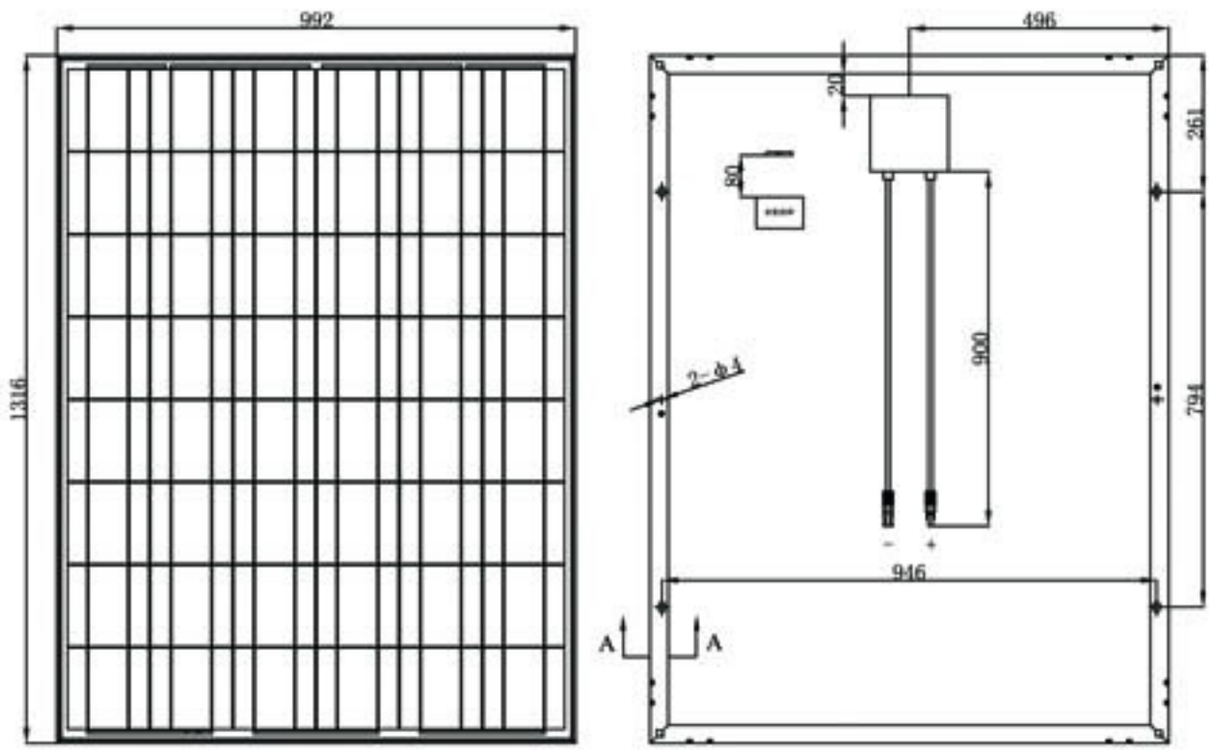


SR MODULE

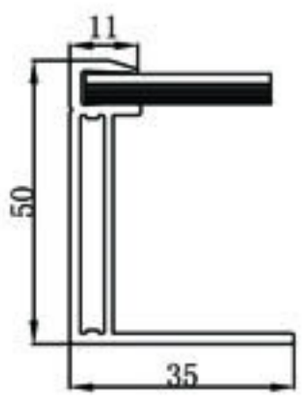
SR-P648200 SR-P648195 SR-P648190
SR-P648185 SR-P648180 SR-P648175

STRENGTHS	WARRANTY	INSURANCE	CERTIFICATES
- Tolerance ±3% - Plug & Play Connectors - High Transmission,Low Iron Tempered Glass - Bypass Diodes Protection	- Manufacturing 10 years - Power production 90%: 10 years 80%: 25 years	- Insured by CHUBB	CE ISO TÜV

PHYSICAL CHARACTERISTICS Unit:mm



Dimensions	(mm)	1316×992×50
Weight	(kg)	15.3
Quantity/Pallet	20 pcs/pallet	
Loading Capacity	288 pcs/20' GP	
	640 pcs/40' HQ	

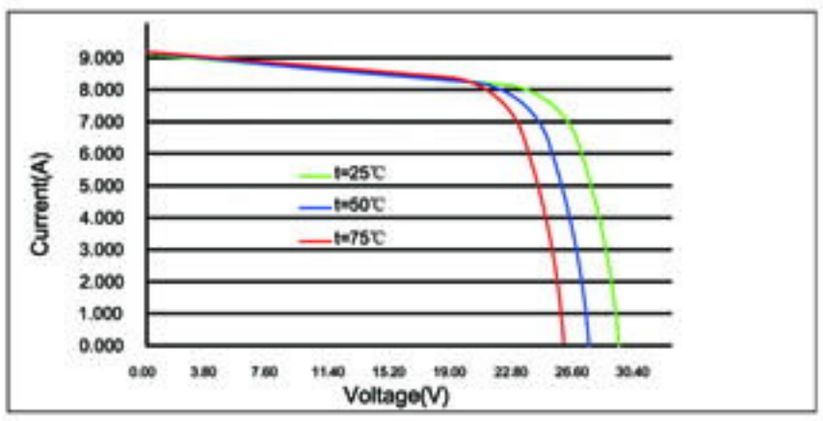


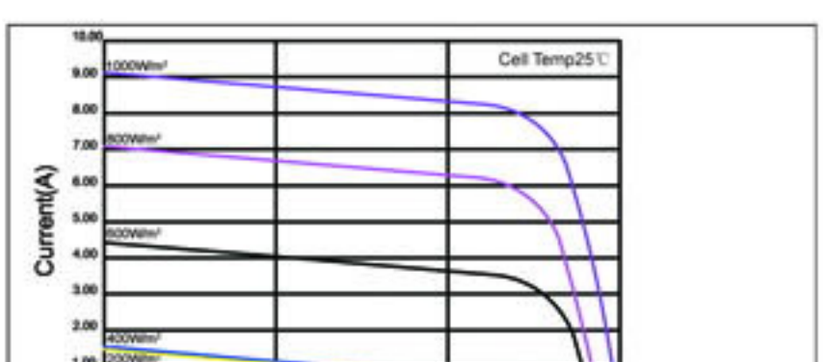
A-A

SPECIFICATIONS

Module Type		SR-P648200	SR-P648195	SR-P648190	SR-P648185	SR-P648180	SR-P648175
Maximum Power	Pm(W)	**200W**	**195W**	**190W**	**185W**	**180W**	**175W**
Tolerance	(%)	±3	±3	±3	±3	±3	±3
Open Circuit Voltage	Voc(V)	30.50	30.11	29.87	29.44	28.98	28.73
Short Circuit Current	Isc(A)	8.76	8.65	8.50	8.40	8.30	8.15
Maximum Power Voltage	Vm(V)	24.20	23.90	23.71	23.37	23.00	22.80
Maximum Power Current	Im(A)	8.26	8.16	8.01	7.92	7.83	7.68
Module Efficiency	(%)	15.30	15.00	14.60	14.20	13.80	13.40
Solar Cell Efficiency	(%)	17.50	17.00	16.60	16.20	15.80	15.20
Cell Type	(mm)	156×156 (Poly-Crystalline Silicon)					
Number of Cells	(Pcs)	48 (6×8)					
Maximum System Voltage	(V)	DC1000					
Temp.Coeff.of Voc	(%/℃)	-0.34					
Temp.Coeff.of Isc	(%/℃)	0.046					
Temp.Coeff.of Pm	(%/℃)	-0.45					
Operating Temperature	(℃)	-40 to 85					
Nominal Operating Cell Temperature(NOCT)	(℃)	45±2					
Max.Series Fuse	(A)	14					
Wind Bearing	(Pa)	2400					
Pressure Bearing	(Pa)	5400					
STC(Standard Test Conditions): 1000W/m² AM=1.5 25℃							

ELECTRICAL CHARACTERISTICS





		1000 W/m²	800 W/m²	600 W/m²	400 W/m²	200 W/m²	100 W/m²
SR-P648200	Vmpp	24.20	24.08	23.84	23.23	22.46	21.76
	Impp	8.26	6.60	4.94	1.61	1.59	0.76
SR-P648195	Vmpp	23.90	23.78	23.54	22.94	22.18	21.49
	Impp	8.16	6.52	4.88	1.59	1.57	0.75
SR-P648190	Vmpp	23.71	23.59	23.35	22.76	22.00	21.32
	Impp	8.01	6.40	4.79	1.56	1.54	0.74
SR-P648185	Vmpp	23.37	23.25	23.02	22.44	21.69	21.01
	Impp	7.92	6.33	4.74	1.54	1.52	0.73
SR-P648180	Vmpp	23.00	22.89	22.66	22.08	21.34	20.68
	Impp	7.83	6.26	4.68	1.53	1.50	0.72
SR-P648175	Vmpp	22.80	22.69	22.46	21.89	21.16	20.50
	Impp	7.68	6.14	4.59	1.50	1.47	0.71

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