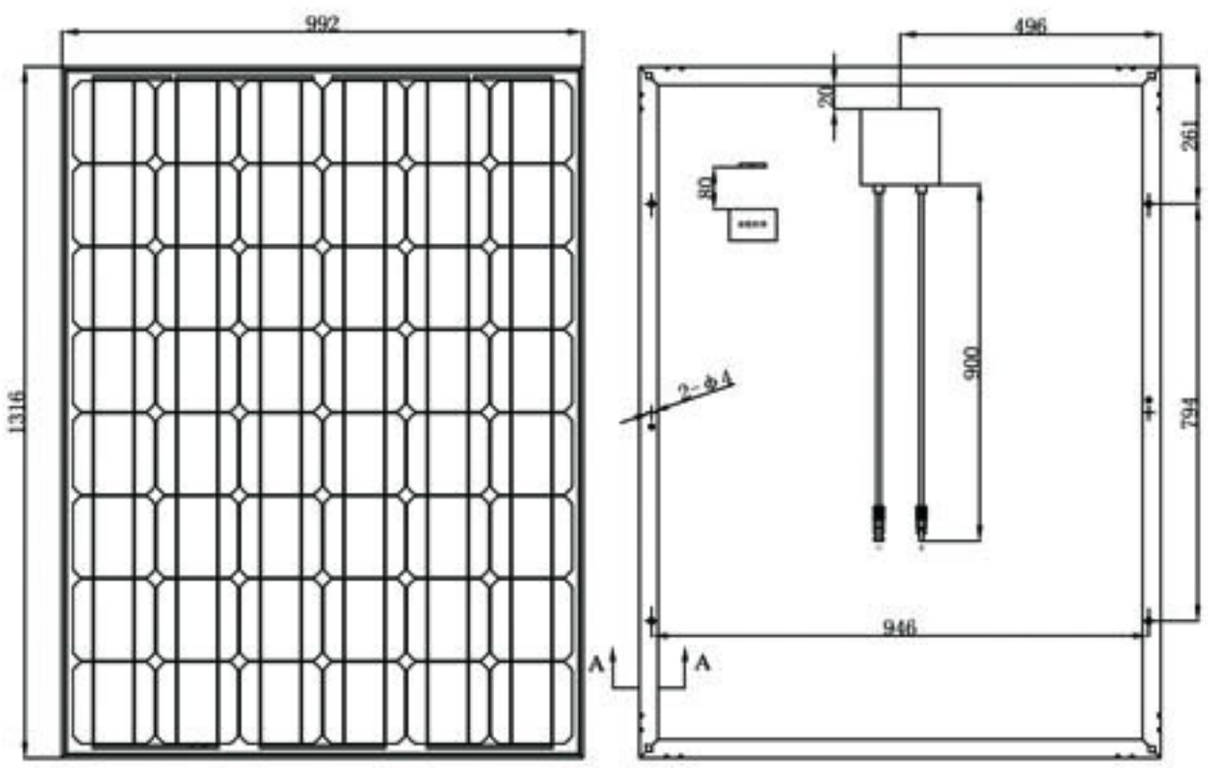


SR MODULE

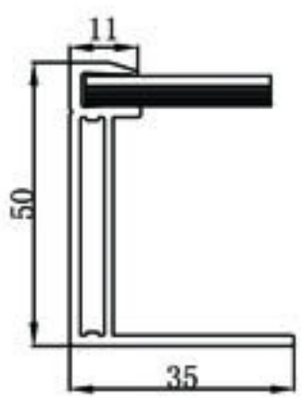
SR-M648200 SR-M648195 SR-M648190
SR-M648185 SR-M648180

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	

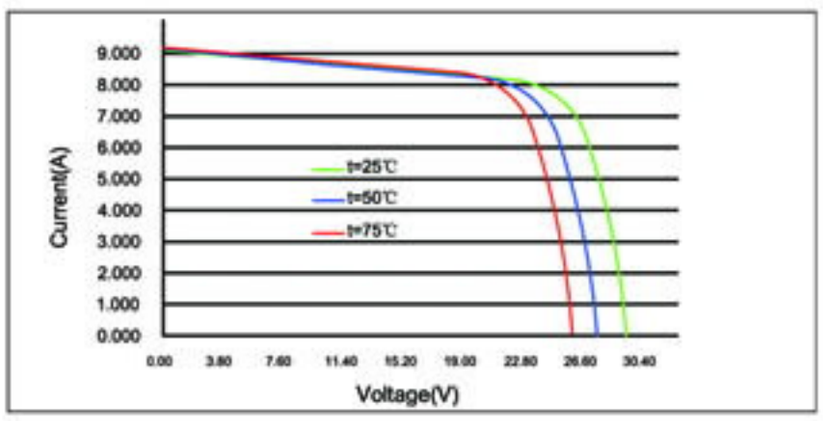


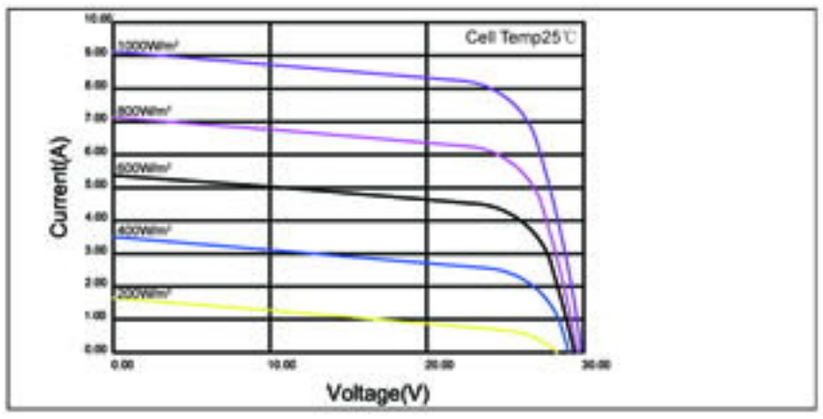
A-A

SPECIFICATIONS

Module Type		SR-M648200	SR-M648195	SR-M648190	SR-M648185	SR-M648180
Maximum Power	Pm(W)	**200W**	**195W**	**190W**	**185W**	**180W**
Tolerance	(%)	±3	±3	±3	±3	±3
Open Circuit Voltage	Voc(V)	29.58	29.40	29.10	29.00	28.79
Short Circuit Current	Isc(A)	8.98	8.81	8.68	8.48	8.31
Maximum Power Voltage	Vm(V)	24.05	23.90	23.65	23.55	23.40
Maximum Power Current	Im(A)	8.32	8.16	8.04	7.86	7.70
Module Efficiency	(%)	15.30	14.90	14.60	14.20	13.80
Solar Cell Efficiency	(%)	17.98	17.45	17.02	16.58	16.18
Cell Type	(mm)	156×156 (Mono-Crystalline Silicon)				
Number of Cells	(Pcs)	48 (6×8)				
Maximum System Voltage	(V)	DC1000				
Temp.Coeff.of Voc	(%/℃)	-0.37				
Temp.Coeff.of Isc	(%/℃)	0.031				
Temp.Coeff.of Pm	(%/℃)	-0.53				
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-M648200	Vmpp	24.05	23.98	23.79	23.21	22.51	22.03
	Impp	8.32	6.64	4.97	3.29	1.61	0.77
SR-M648195	Vmpp	23.90	23.83	23.64	23.06	22.37	21.89
	Impp	8.16	6.51	4.87	3.22	1.57	0.75
SR-M648190	Vmpp	23.65	23.58	23.39	22.82	22.14	21.66
	Impp	8.04	6.42	4.80	3.18	1.55	0.74
SR-M648185	Vmpp	23.55	23.48	23.29	22.73	22.04	21.57
	Impp	7.86	6.27	4.69	3.10	1.52	0.72
SR-M648180	Vmpp	23.40	23.33	23.14	22.58	21.90	21.43
	Impp	7.70	6.14	4.60	3.04	1.49	0.71

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