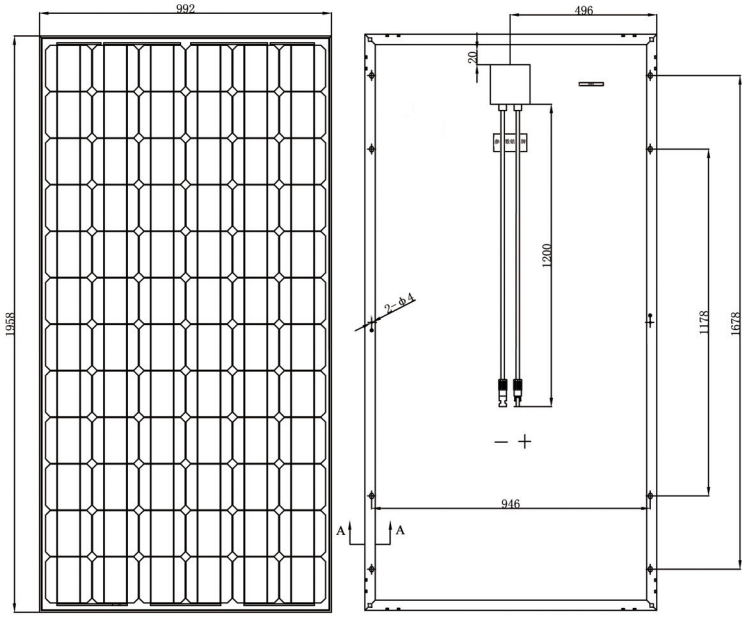
SR MODULE

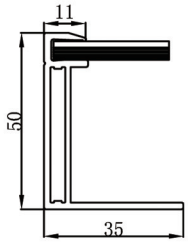
SR-M672300 SR-M672295 SR-M672290
SR-M672285 SR-M672280 SR-M672275

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 MCS PV CYCLE

PHYSICAL CHARACTERISTICS Unit:mm



Dimensions	(mm)	1958×992×50
Weight	(kg)	23.2
Quantity/Pallet	20 pcs/pallet	
Loading Capacity	180 pcs/20' GP	
	440 pcs/40' HQ	



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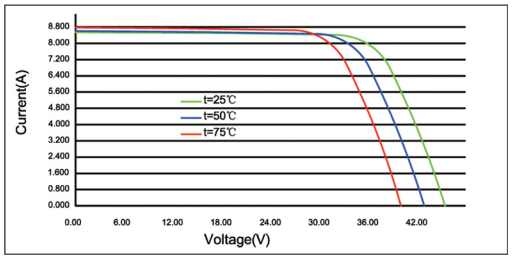
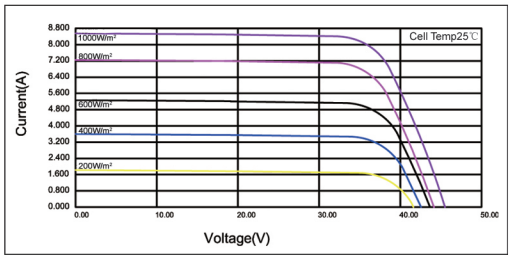
SPECIFICATIONS

Module Type		SR-M672300	SR-M672295	SR-M672290	SR-M672285	SR-M672280	SR-M672275
Maximum Power	Pm(W)	**300W**	**295W**	**290W**	**285W**	**280W**	**275W**
Tolerance	(%)	±3	±3	±3	±3	±3	±3
Open Circuit Voltage	Voc(V)	44.28	44.04	43.85	43.54	43.23	43.23
Short Circuit Current	Isc(A)	9.00	8.91	8.79	8.70	8.60	8.45
Maximum Power Voltage	Vm(V)	36.00	35.80	35.65	35.40	35.15	35.15
Maximum Power Current	Im(A)	8.34	8.25	8.14	8.06	7.97	7.83
Module Efficiency	(%)	15.40	15.20	14.90	14.70	14.40	14.20
Solar Cell Efficiency	(%)	17.98	17.57	17.35	17.02	16.78	16.42
Cell Type	(mm)	156×156 (Mono-Crystalline Silicon)					
Number of Cells	(Pcs)	72 (6×12)					
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 AM1.5 25℃							

ELECTRICAL CHARACTERISTICS





		1000 W/m²	800 W/m²	600 W/m²	400 W/m²	200 W/m²	100 W/m²
SR-M672300	Vmpp	36.00	35.89	35.60	34.74	33.70	32.98
	Impp	8.34	6.66	4.98	3.29	1.61	0.77
SR-M672295	Vmpp	35.80	35.69	35.41	34.55	33.51	32.79
	Impp	8.25	6.58	4.93	3.26	1.59	0.76
SR-M672290	Vmpp	35.65	35.54	35.26	34.40	33.37	32.66
	Impp	8.14	6.50	4.86	3.22	1.57	0.75
SR-M672285	Vmpp	35.40	35.29	35.01	34.16	33.13	32.43
	Impp	8.06	6.43	4.81	3.18	1.56	0.74
SR-M672280	Vmpp	35.15	35.04	34.76	33.92	32.90	32.20
	Impp	7.97	6.36	4.76	3.15	1.54	0.73
SR-M672275	Vmpp	35.15	35.04	34.76	33.92	32.90	32.20
	Impp	7.83	6.25	4.67	3.09	1.51	0.72

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