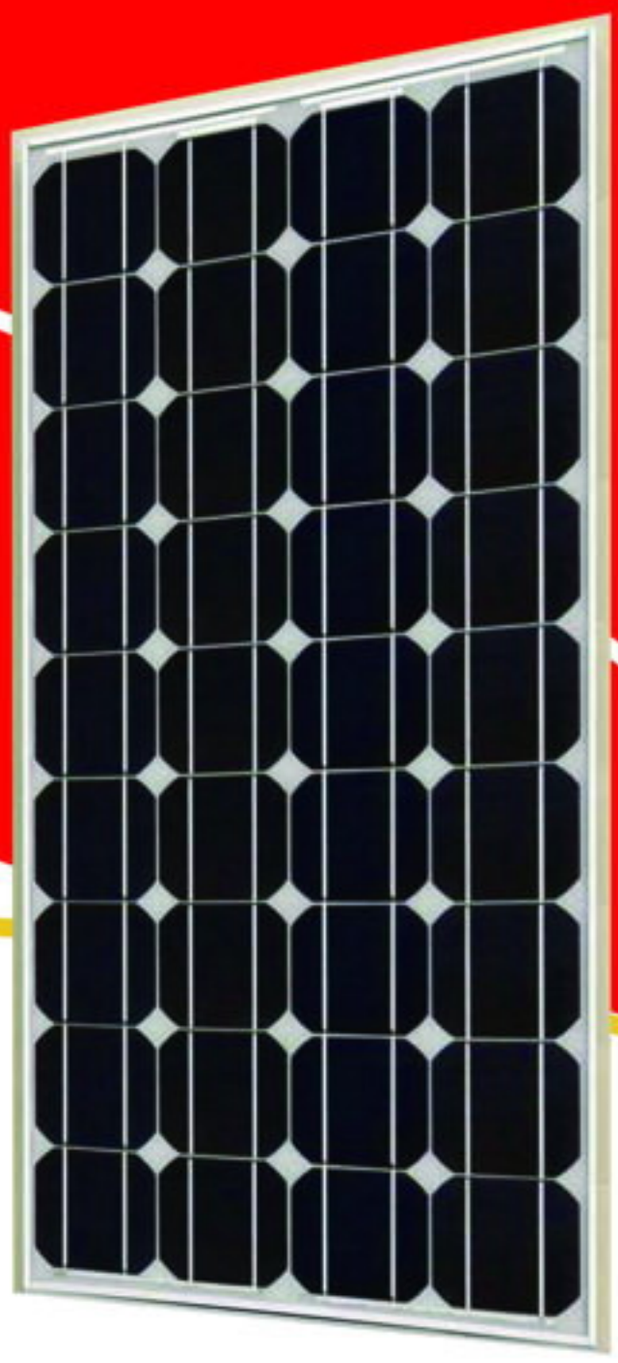
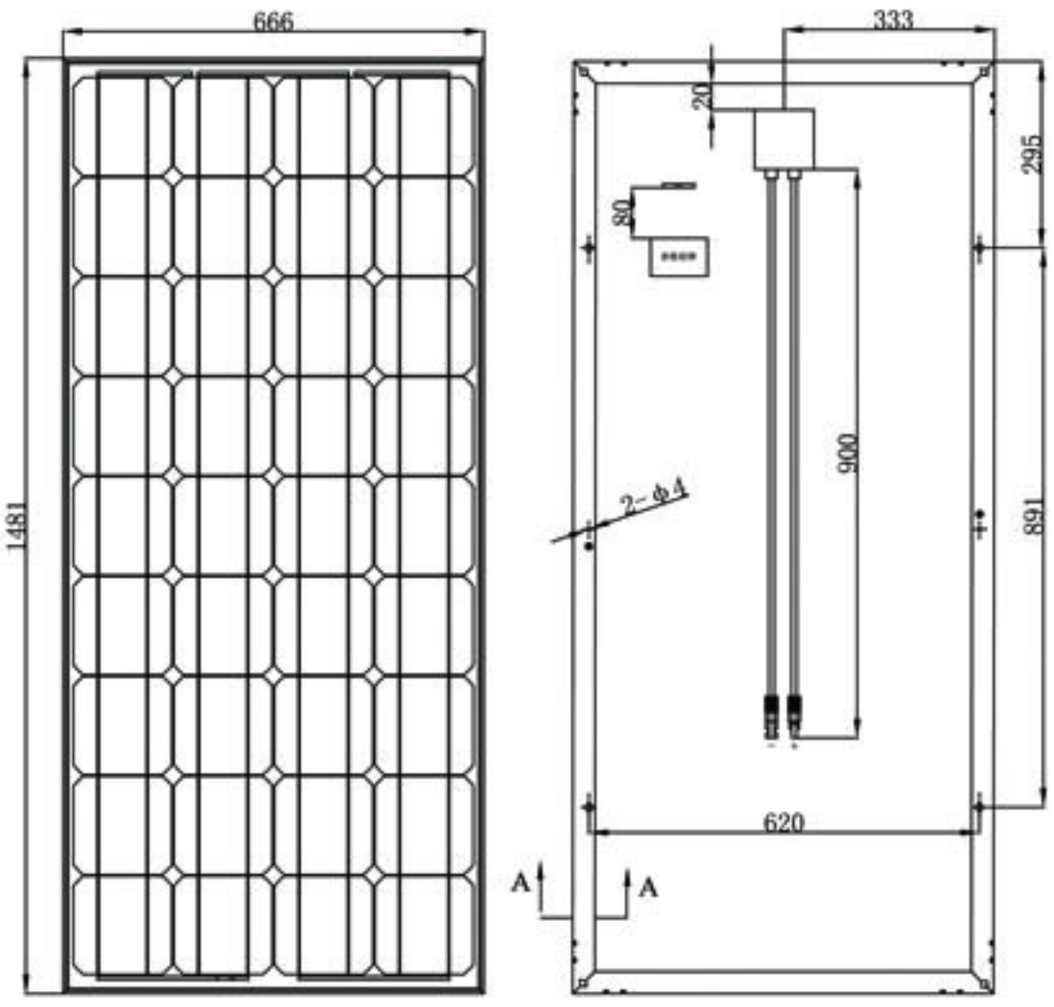


SR MODULE

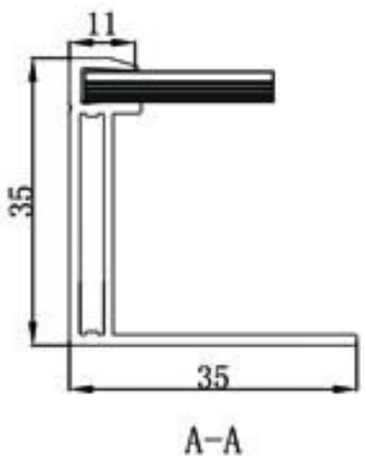
SR-M636150 SR-M636145 SR-M636140
SR-M636135 SR-M636130

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

PHYSICAL CHARACTERISTICS Unit:mm



Dimensions	(mm)	1481×666×35
Weight	(kg)	11.8
Quantity/Pallet	28 pcs/pallet	
Loading Capacity	392 pcs/20' GP	
	840 pcs/40' GP	

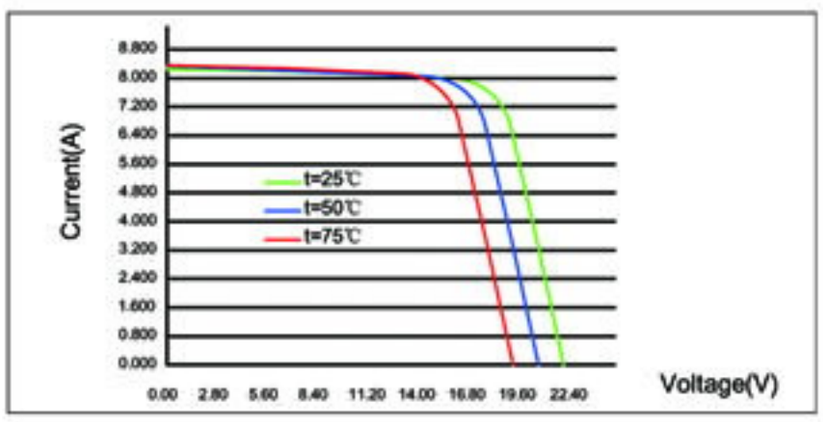


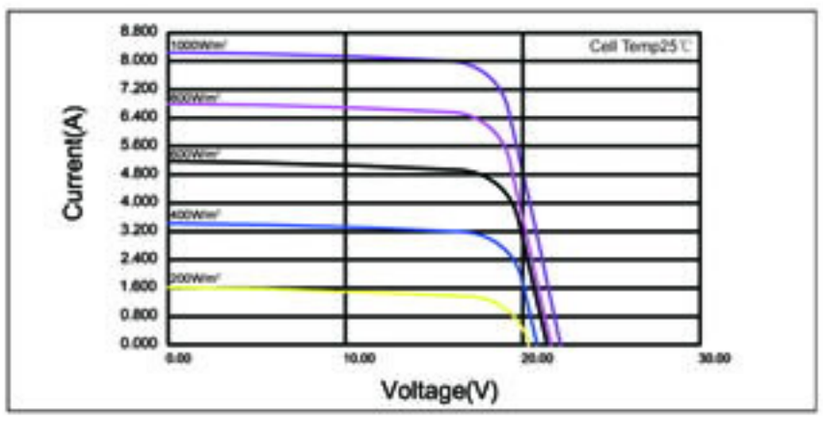
SPECIFICATIONS

Module Type		SR-M636150	SR-M636145	SR-M636140	SR-M636135	SR-M636130
Maximum Power	Pm(W)	**150W**	**145W**	**140W**	**135W**	**130W**
Tolerance	(%)	±3	±3	±3	±3	±3
Open Circuit Voltage	Voc(V)	22.15	22.00	21.80	21.50	21.40
Short Circuit Current	Isc(A)	9.00	8.80	8.60	8.40	8.10
Maximum Power Voltage	Vm(V)	17.90	17.80	17.60	17.40	17.30
Maximum Power Current	Im(A)	8.38	8.15	7.96	7.76	7.52
Module Efficiency	(%)	15.20	14.70	14.20	13.70	13.20
Solar Cell Efficiency	(%)	18.18	17.37	16.78	16.19	15.55
Cell Type	(mm)	156×156 (Mono-Crystalline Silicon)				
Number of Cells	(Pcs)	36 (4×9)				
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-M636150	Vmpp	17.90	17.85	17.70	17.27	16.75	16.40
	Impp	8.38	6.69	5.00	3.31	1.62	0.77
SR-M636145	Vmpp	17.80	17.75	17.60	17.18	16.66	16.30
	Impp	8.15	6.50	4.87	3.22	1.57	0.75
SR-M636140	Vmpp	17.60	17.55	17.41	16.98	16.47	16.12
	Impp	7.96	6.35	4.75	3.14	1.54	0.73
SR-M636135	Vmpp	17.40	17.35	17.21	16.79	16.29	15.94
	Impp	7.76	6.19	4.63	3.07	1.50	0.71
SR-M636130	Vmpp	17.30	17.25	17.11	16.69	16.19	15.85
	Impp	7.52	6.00	4.49	2.97	1.45	0.69

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