

SR MODULE

SR-P636145 SR-P636140
 SR-P636125 SR-P636120

Strengths

Tolerance 0~+3%	High Transmission, low iron Tempered Glass
Plug and Play Connectors	Bypass Diodes Protection
Salt Mist Test and Ammonia Resistance Test	

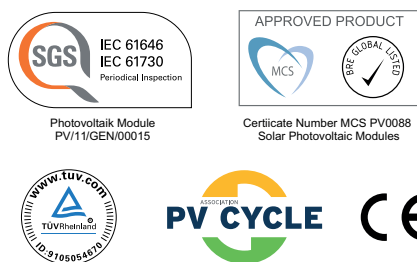
Warranty

Manufacturing 12 Years
Power Production 95%: 5 years; 60%: 12 years; 85%: 18 years; 80%: 25 years

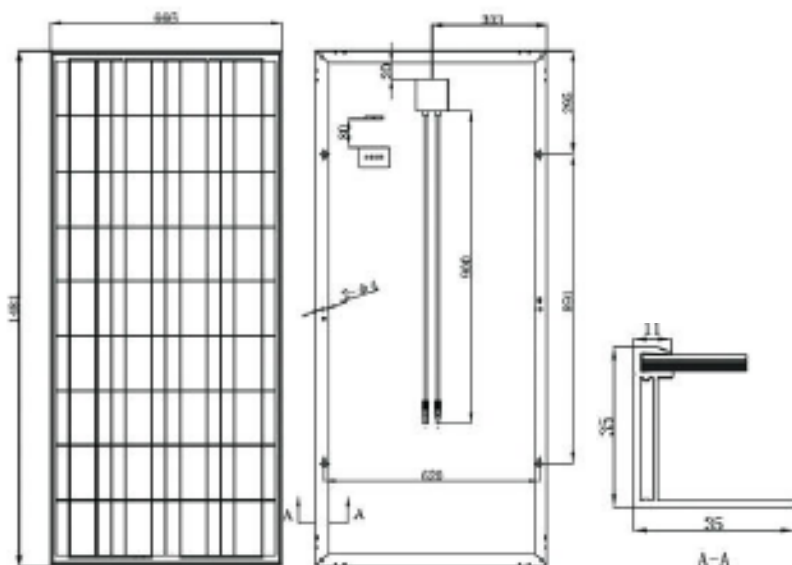
Insurance

Insured
By CHUBB

Certificates



PHYSICAL CHARACTERISTICS unit:mm



Dimensions	mm	1481x666x35
Weight	kg	11.8
Loading capacity		392pcs/20'GP
		840pcs/40'GP

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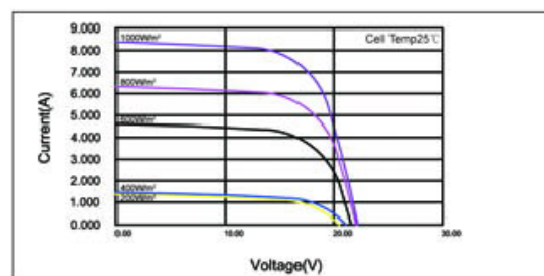
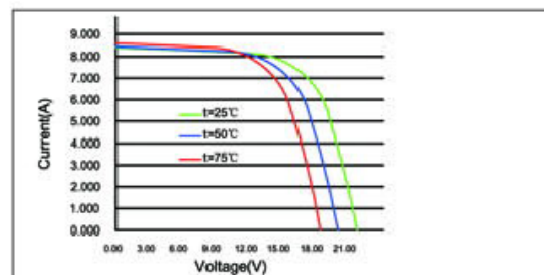
Specifications

Module Type		SR-P636145	SR-P636140	SR-P636125	SR-P636120
Maximum Power	Pm(W)	145	140	125	120
Tolerance	%	±3	±3	±3	±3
Open Circuit Voltage	Voc(V)	23.30	23.06	22.02	21.88
Short Circuit Current	Isc(A)	8.33	8.13	7.60	7.34
Maximum Power Voltage	Vm(V)	18.79	18.60	17.76	17.65
Maximum Power Current	Im(A)	7.72	7.53	7.04	6.80
Module Efficiency	%	14.7	14.2	12.70	12.20
Solar Cell Efficiency	%	17.02	16.41	14.68	14.08
Cell Type	mm	156x156 (p-Si)			
Number of Cells	pcs	36 (4x9)			
Number of Diodes	pcs	4			
Maximum System Voltage	V	1000			
Temp. Coeff. of Voc	%/°C	-0,34			
Temp. Coeff. of Isc	%/°C	0.046			
Temp. Coeff. of Pm	%/°C	-0.45			
Operating Temperature	°C	-40 to 85			
NOCT	°C	45±2			
Max. Series Fuse	A	14			
Wind Bearing	Pa	2400			
Pressure Bearing	Pa	5400			

STC (Standart Test Conditions): 1000W/m² AM=1.5 25°C

Electrical Characteristics

		1000 W/m ²	800 W/m ²	600 W/m ²	400 W/m ²	200 W/m ²	100 W/m ²
SR-P636145	Vmpp	18.79	18.70	18.51	18.04	17.44	16.89
	Impp	7.72	6.17	4.62	1.51	1.48	0.71
SR-P636140	Vmpp	18.60	18.51	18.32	17.86	17.26	16.72
	Impp	7.53	6.02	4.50	1.47	1.45	0.69
SR-P636125	Vmpp	17.76	17.67	17.49	17.05	16.48	15.97
	Impp	7.04	5.62	4.21	1.37	1.35	0.65
SR-P636120	Vmpp	17.65	17.56	17.39	16.94	16.38	15.87
	Impp	6.80	5.43	4.07	1.33	1.31	0.63



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