



ABiSOLAR

SR MODULE

SR-M572205

SR-M572200

SR-M572195

SR-M572190

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



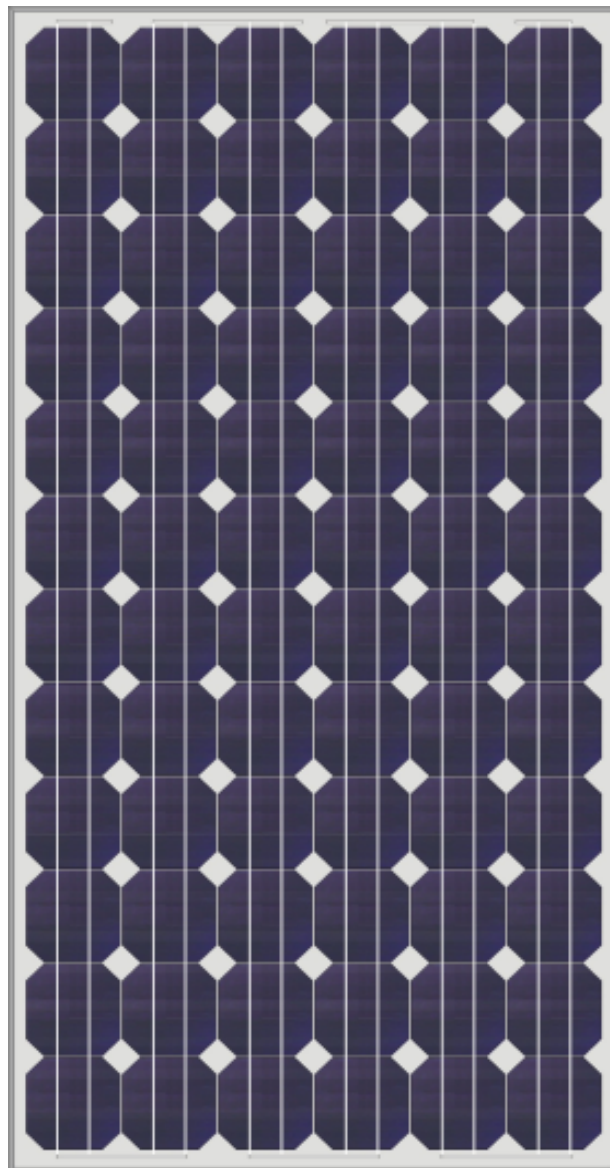
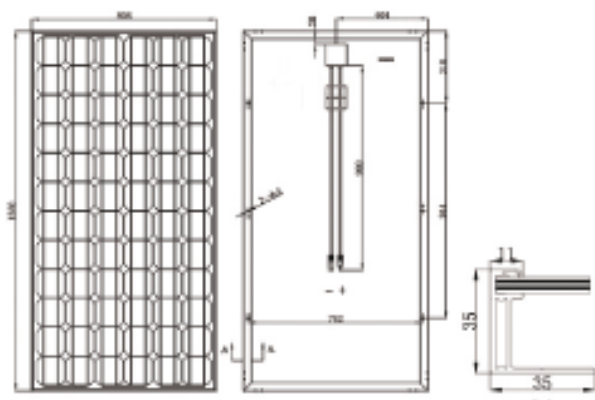
Photovoltaik Module
PV/11/GEN/00015



Certificate Number MCS PV0088
Solar Photovoltaic Modules



PHYSICAL CHARACTERISTICS unit:mm



Dimensions	mm	1580x808x35
Weight	kg	15.5
Loading capacity		336pcs/20'GP
		784pcs/40'GP

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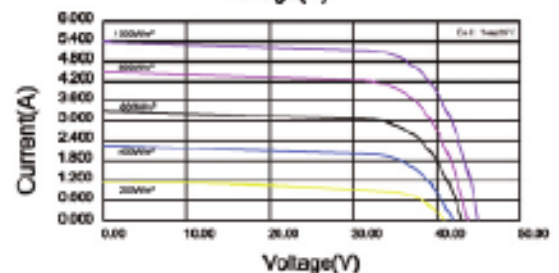
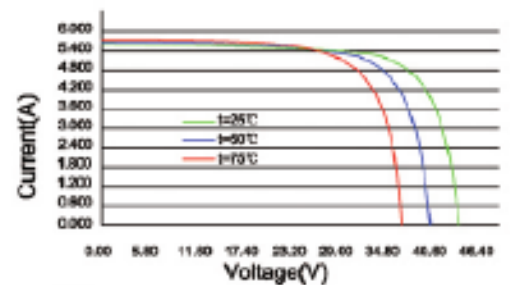
Specifications

Module Type		SR-M572205	SR-M572200	SR-M572195	SR-M572190
Maximum Power	Pm(W)	205	200	195	190
Tolerance	%	0~+3	0~+3	0~+3	0~+3
Open Circuit Voltage	Voc(V)	45.26	45.10	44.82	44.46
Short Circuit Current	Isc(A)	6.01	5.90	5.79	5.70
Maximum Power Voltage	Vm(V)	36.50	36.40	36.20	36.00
Maximum Power Current	Im(A)	5.62	5.50	5.39	5.28
Module Efficiency	%	16.10	15.70	15.30	14.90
Solar Cell Efficiency	%	18.67	18.20	17.76	17.30
Cell Type	mm	125x125 (m-Si)			
Number of Cells	pcs	72 (6x12)			
Number of Diodes	pcs	3			
Maximum System Voltage	V	1000			
Temp. Coeff. of Voc	%/°C	-0,34			
Temp. Coeff. of Isc	%/°C	0.05			
Temp. Coeff. of Pm	%/°C	-0.45			
Operating Temperature	°C	-40 to 85			
NOCT	°C	45±2			
Max. Series Fuse	A	10			
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-M572205	Vmpp	36.50	36.17	35.74	35.23	34.28	33.48
	Impp	5.62	4.50	3.36	2.25	1.12	0.69
SR-M572200	Vmpp	36.40	36.07	35.64	35.13	34.18	33.38
	Impp	5.50	4.40	3.28	2.19	1.08	0.66
SR-M572195	Vmpp	36.20	35.87	35.44	34.93	33.99	33.20
	Impp	5.39	4.31	3.22	2.15	1.06	0.65
SR-M572190	Vmpp	36.00	35.68	35.24	34.74	33.80	33.01
	Impp	5.28	4.22	3.15	2.11	1.03	0.63



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