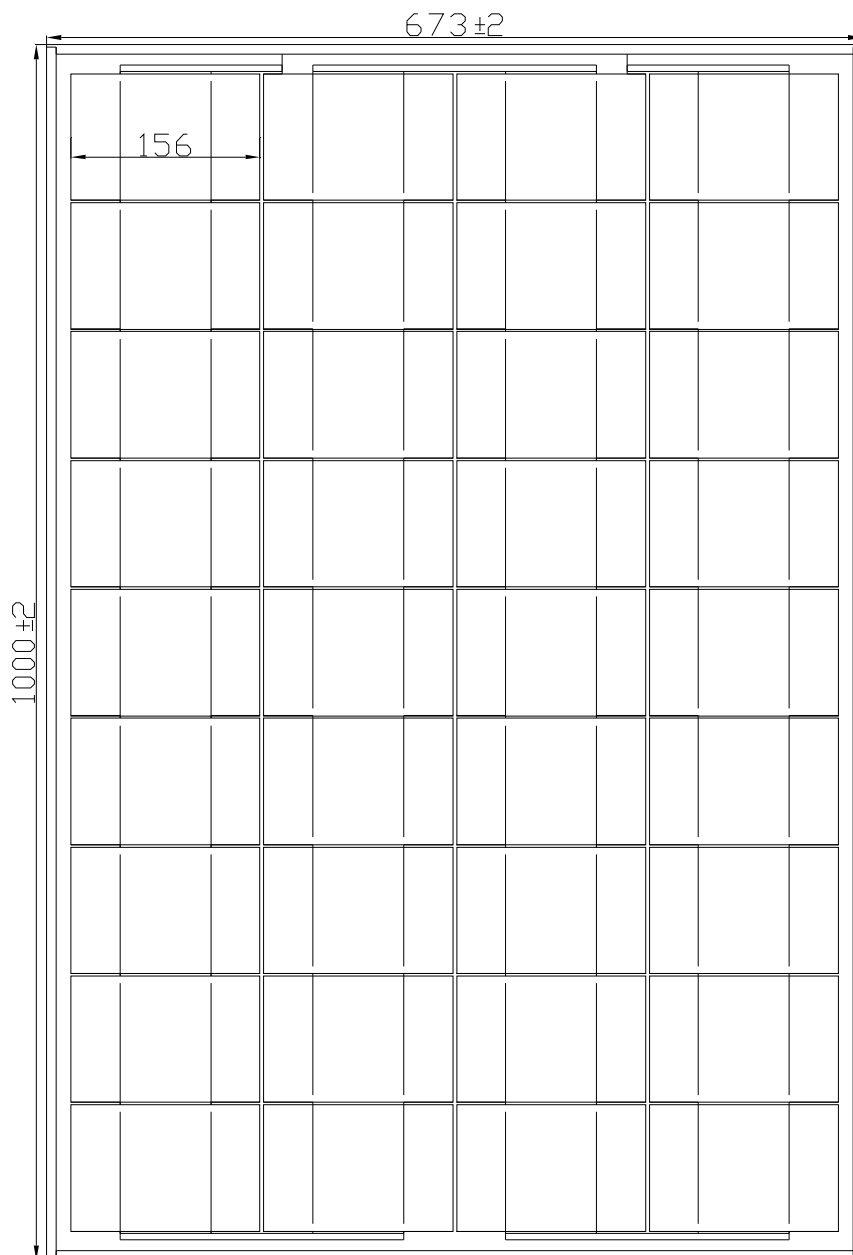


# Ningbo Huasheng Solar Energy Sources Industry Co.,Ltd

## PV Module Performances (Test condition: 1000W/m<sup>2</sup>, AM1.5, 25°C)

Type		HS-85-36-156X104-P
Parameter	Silicon	Poly-crystalline silicon
Maximum Power	Watt	85
Production Tolerance		±5%
Maximum Power voltage	V	17.2
Maximum Power current	A	4.94
Open circuit voltage	V	21.8
Short circuit current	A	5.49
Cell efficiency	%	14.6
Module efficiency	%	12.63
Size of module (wide and high)		1000mm x673mm
Frame (type, material and thickness)		Anodised Alu. alloy frame,35mm thickess
Number of cells		36pcs
Size of cell (width and height)		156mmx104mm
Weight per piece		7.8kg
Junction box		PV -GZX0503
Cable type and length		No cable
Maximum system voltage		1000V
Temperature coefficient of Voc		-0.35%/°C
Temperature coefficient of Isc		0.05%/°C
Temperature coefficient of Im		-0.45%/°C
NOCT (Nominal operating cell		47°C(±2°C)
Wind Bearing		60m/s(200kg/sq.m)
Impact Resistance (Hail Impact Test)		227g steel ball fall down from 1m height
Quality Guaranty		2 years product warranty and 20 years -20% of power
FF(%)		70%---72%
Add: No.2000 Ningci Road, Zhuangqiao Town, Ningbo, Zhejiang, China		
Tel: 86-574-87585177 Fax: 86-574-87560161 Web: <a href="http://www.hs-solar.com">http://www.hs-solar.com</a>		

Product Model	HS-85-36-156X104-P	Solar cell module	Order Number	
Production Date			Delivery Date	

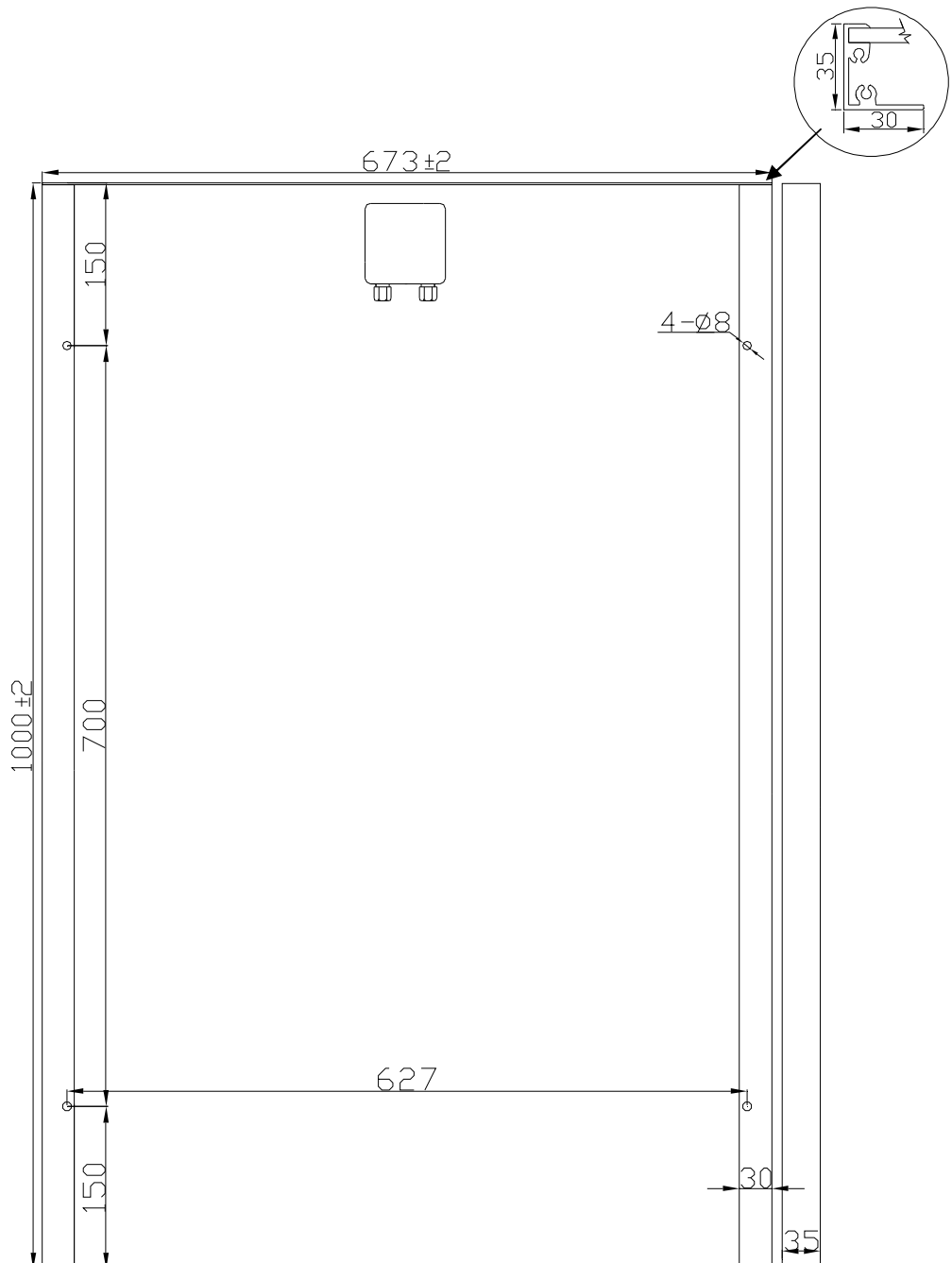


注：  
 玻璃尺寸: 995mm±1X668mm±1  
 外型尺寸: 1000mm±2x673mm±2x35mm

Drawing	Wu Yushui	2009-5-13	Audit	Li Haiyang	2009-5-13
Proofreading	Yan Jinxue	2009-5-13			

Add: No.2000 Ningci Road, Zhuangqiao Town, Ningbo, Zhejiang, China  
 Tel: 86-574-87585177 Fax: 86-574-87560161 Web: <http://www.hs-solar.com>

Product Model	HS-85-36-156X104-P	Solar cell module	Order Number	
Production Date			Delivery Date	



注：  
 玻璃尺寸： $995\text{mm} \pm 1 \times 668\text{mm} \pm 1$   
 外型尺寸： $1000\text{mm} \pm 2 \times 673\text{mm} \pm 2 \times 35\text{mm}$

Drawing	Wu Yushui	2009-5-13	Audit	Li Haiyang	2009-5-13
Proofreading	Yan Jinxue	2009-5-13			

Add: No.2000 Ningci Road, Zhuangqiao Town, Ningbo, Zhejiang, China  
 Tel: 86-574-87585177 Fax: 86-574-87560161 Web: <http://www.hs-solar.com>