



## Product Data Sheet

Product Model: ASP-S1-94W

Nominal Power:  $94 \pm 9$ W

### performance at STC: $1000\text{W}/\text{m}^2$ , $25^\circ\text{C}$ , AM1.5

Nominal Power ( $P_m$ )	94.0 W
Open Circuit Voltage ( $V_{oc}$ )	122.5 V
Short Circuit Current ( $I_{sc}$ )	1.08 A
Voltage at max. Power ( $V_m$ )	98.0 V
Current at max. Power ( $I_m$ )	0.96 A
Power Output	25 years power output guarantee, for 90% of nominal output during first 10 years and 80% over 25 years.
materials and workmanship	10 years

### System Properties (at STC)

Maximum System Voltage	$V_{sys}$ (V)	1000 (600UL)
Maximum Series Fuse	$I_{CF}$ (A)	2.0

### Temperature Coefficients (at STC)

Temperature Coefficients of $I_{sc}$	$\alpha = 0.060\%/^\circ\text{C}$
Temperature Coefficients of $V_{oc}$	$\beta = -0.321\%/^\circ\text{C}$
Temperature Coefficients of $P_m$	$\gamma = -0.214\%/^\circ\text{C}$

### Mechanical Specifications

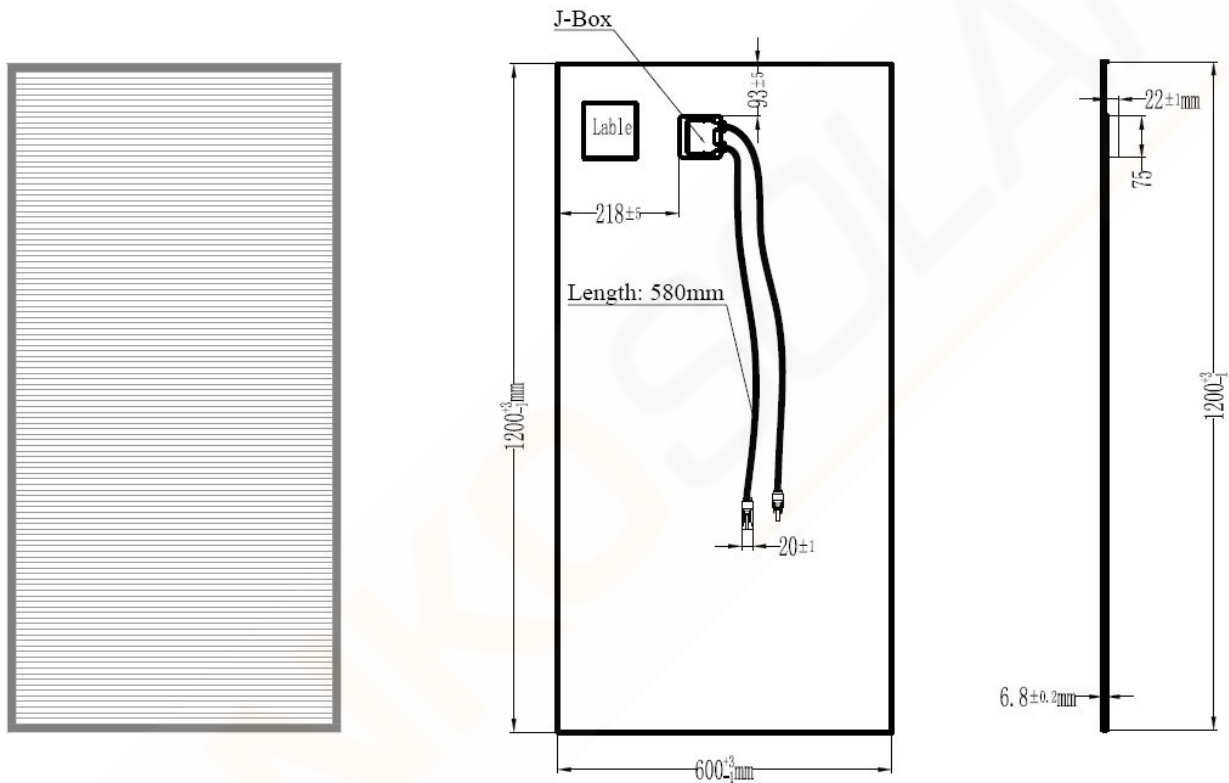
Length	1200 ( $-1 \sim +3$ ) mm
Width	600 ( $-1 \sim +3$ ) mm
Thickness	6.8 ( $\pm 0.2$ ) mm
Area	0.72m <sup>2</sup>
Weight	11.8kg
Frame	N/A



龙焱能源科技（杭州）有限公司  
ADVANCED SOLAR POWER (HANGZHOU) INC

Junction Box※	backside
Lead Cable	2.5mm <sup>2</sup> , 580mm
Connectors	MC4
Bypass Diode	10A
Cell Type	CdTe
Structure	3.2mm float glass+3.2mm float glass
Encapsulation	EVA+Edge tape
Transparency※	0%

Product schematic drawings:



Product packaging: Wooden cases 54pcs/case    Gross weight:670 kg  
Dimension: L1300mm\*W1080mm\*H800mm

浙江省杭州市下沙经济技术开发区凌云街 801 号  
#801 Lingyun Street, Hangzhou Economic & Technological Development Area,  
Hangzhou, Zhejiang Province, China  
Tel: +86-571-86875500 Fax:+86-571-86908092