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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Linking Solar Co., Limited**

**P6-100W**

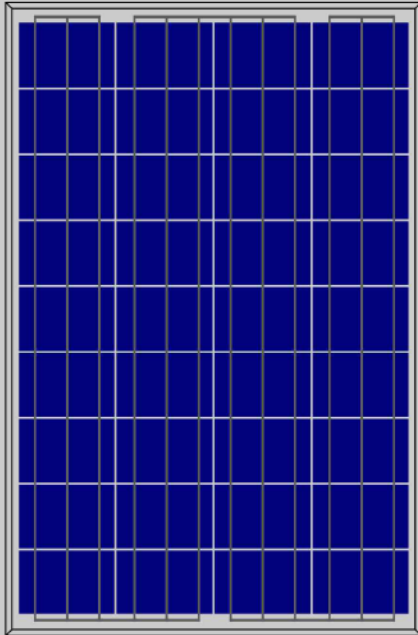
**P6-100W**

Also available on the web at  
[EnergyPal.com/linking-solar-co-limited-solar-panels/p6-100w](http://EnergyPal.com/linking-solar-co-limited-solar-panels/p6-100w)

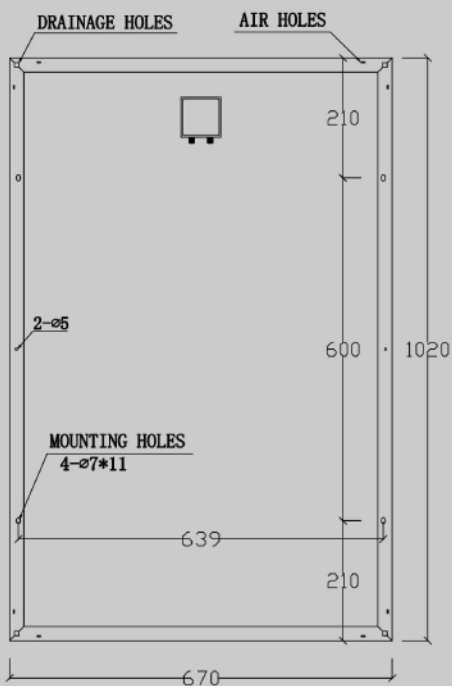
# P6-100W



Engineering Drawings (Front Side)



Engineering Drawings (Back Side)



Email: [info@linkingsolar.com](mailto:info@linkingsolar.com)  
 Web: [www.linkingsolar.com](http://www.linkingsolar.com)

## Raw materials and Mechanical Parameters

P6-100	
Type of Cells(mm)	Poly156 × 44.6/156 × 52
NO. of Cells and Connections	4 × 9=36/4 × 18=72
Dimensions(mm)(L*W*H)	1020 × 670 × 30
Weight(kg)	7.7
Glass	3.2mm Tempered Glass
Encapsulation	EVA
Backsheet	Multilayer Composite
Aluminium-Frame	Silvery/Black Anodized aluminium alloy
Junction-Box	IP65/IP67
Cable	NA, but customized is acceptable
Connector	NA, but MC4 and MC4 Compatible are acceptable
Package Configuration	4 pcs/ctn

## Performance Parameters

P6-100	
Maximum System Voltage	700V
Operating Temperature	-45~+80°C
Maximum Series Fuse	10A
Maximum Static Load, Front Side (e.x. Snow, Wind)	5400Pa
Maximum Static Load, Back Side (e.x. Wind)	2400Pa
Application Grade	Class A

## Electrical Parameters (Standard Test Condition)

P6-100	
Rated Maximum Power(Mp)	100W
Power Tolerance	0- +5W
Cell Efficiency	17.2%
Open Circuit Voltage(Voc)	22.6V
Maximum Power Voltage(Vmp)	17.6V
Short Circuit Current(Isc)	6.09A
Maximum Power Current(Imp)	5.69A
Temperature Coefficient of Isc	+0.06%
Temperature Coefficient of Voc	-0.33%
Temperature Coefficient of Pmp	-0.45%
Standard Test Condition	Irradiance:1000W/M2, Cell Temperature:25°C, Spectrum AM:1.5