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# **EnergyPal**

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

**Jinhua Dokio Technology Co., Ltd.**

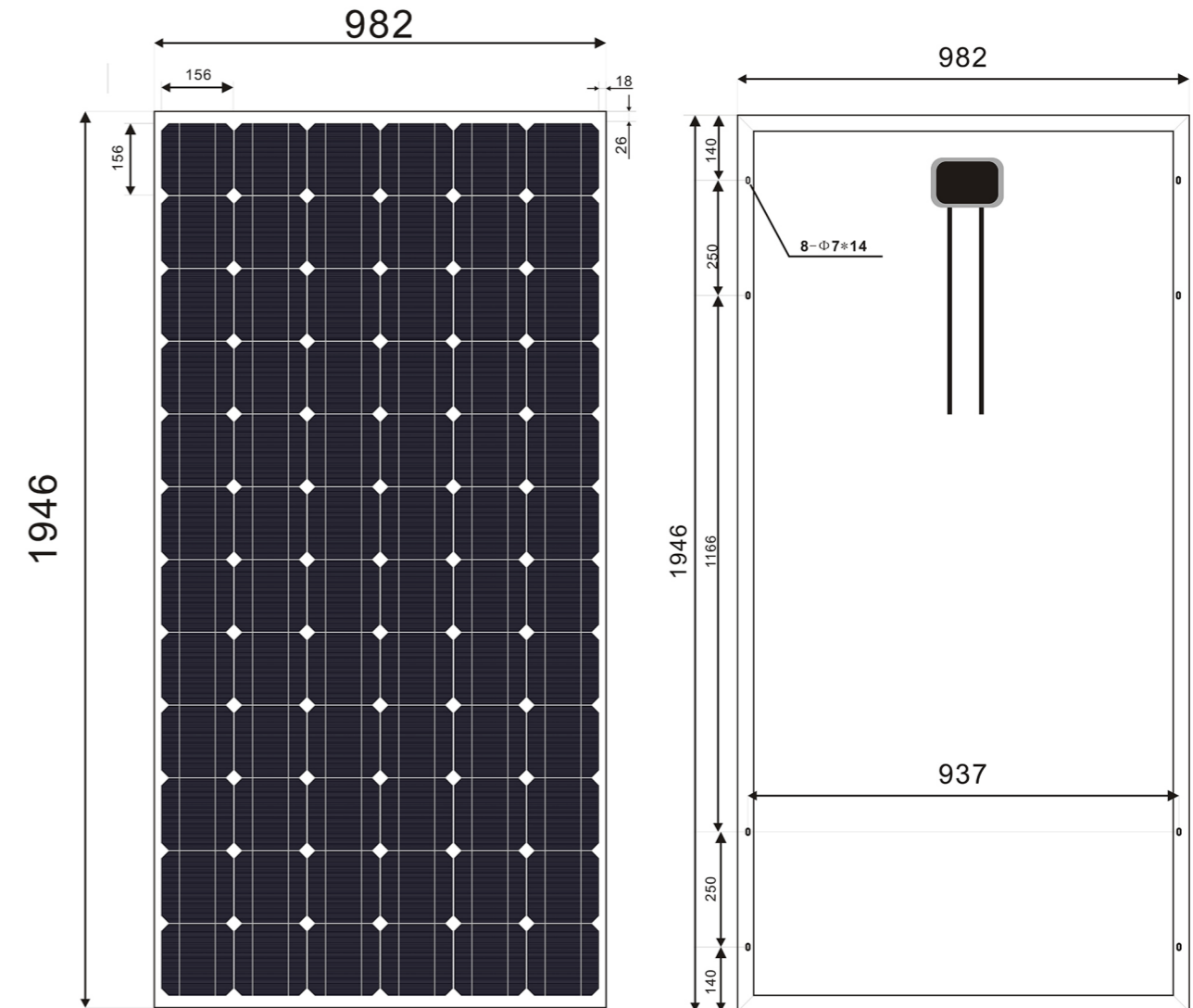
**DSP-285M-310M**

**DSP-295M**

Also available on the web at  
[EnergyPal.com/jinhua-dokio-technology-co-ltd-solar-panels/dsp-295m](http://EnergyPal.com/jinhua-dokio-technology-co-ltd-solar-panels/dsp-295m)

产品信息  
Products Information

<b>电池片型号</b> Cell Type Monocrystalline 156mm*156mm	<b>电池片数量</b> Number of Cells 72pcs(6*12)	<b>尺寸</b> Dimensions 1946*982*45/50mm	<b>重量</b> Weight 25kgs
<b>玻璃</b> Front Glass 3.2mm, High Transmission, Low Iron, Tempered	<b>边框</b> Frame Anodized Aluminium Alloy	<b>接线盒</b> Junction Box Ip65, TUV	<b>输出电缆</b> Output Cables TUV 1*4mm <sup>2</sup> , Length :900mm
<b>包装</b> Packing 2pcs/CTN/Pallet . 506pcs/40HQ Container	<b>功率偏差</b> Power tolerance 0~+5%	<b>工作温度</b> Operating Temperature -40°C~85°C	<b>标称电池工作温度</b> Nominal Operating Cell Temperature 45±2°C
<b>最大系统电压</b> Maximum system voltage DC1000V	<b>短路电流温度系数</b> Temp.Coefficient. of Isc(TK Isc) 0.06%/°C	<b>开路电压温度系数</b> Temp.Coefficient. of Voc(TK Voc) -0.34%/°C	<b>峰值功率温度系数</b> Temp.Coefficient. of Power(TK Pmax) -0.42%/°C



标准测试条件|Standard Test Conditions AM1.5 100mw/cm 25°C  
质保|Warranty 5 years products warranty and 25 years 80% of the power

组件型号 Module type	DSP-285M	组件型号 Module type	DSP-290M	组件型号 Module type	DSP-295M	组件型号 Module type	DSP-300M	组件型号 Module type	DSP-310M
峰值功率 Peack power (Pmax)	285W	峰值功率 Peack power (Pmax)	290W	峰值功率 Peack power (Pmax)	295W	峰值功率 Peack power (Pmax)	300W	峰值功率 Peack power (Pmax)	310W
电池片效率 (%) Cell Efficiency	16.2	电池片效率 (%) Cell Efficiency	16.6	电池片效率 (%) Cell Efficiency	16.9	电池片效率 (%) Cell Efficiency	17.1	电池片效率 (%) Cell Efficiency	17.7
最大工作电压 Maximum power voltage(Vmp)	36.00V	最大工作电压 Maximum power voltage(Vmp)	36.50V	最大工作电压 Maximum power voltage(Vmp)	37.00V	最大工作电压 Maximum power voltage(Vmp)	37.60V	最大工作电压 Maximum power voltage(Vmp)	38.10V
最大工作电流 Maximum power current(Imp)	7.91A	最大工作电流 Maximum power current(Imp)	7.95A	最大工作电流 Maximum power current(Imp)	7.97A	最大工作电流 Maximum power current(Imp)	7.98A	最大工作电流 Maximum power current(Imp)	8.14A
开路电压 Open circuit voltage (Voc)	45.00V	开路电压 Open circuit voltage (Voc)	45.62V	开路电压 Open circuit voltage (Voc)	46.25V	开路电压 Open circuit voltage (Voc)	47.00V	开路电压 Open circuit voltage (Voc)	47.63V
短路电流 Short circuit current (Isc)	8.21A	短路电流 Short circuit current (Isc)	8.25A	短路电流 Short circuit current (Isc)	8.27A	短路电流 Short circuit current (Isc)	8.28A	短路电流 Short circuit current (Isc)	8.28A