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# **EnergyPal**

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

**Shenzhen Sacred Solar Industry Co., Ltd.**

**SD-HMB-130-24**

**SD-HMB-130-24**

Also available on the web at

[EnergyPal.com/shenzhen-sacred-solar-industry-co-ltd-solar-panels/sd-hmb-130-24](http://EnergyPal.com/shenzhen-sacred-solar-industry-co-ltd-solar-panels/sd-hmb-130-24)



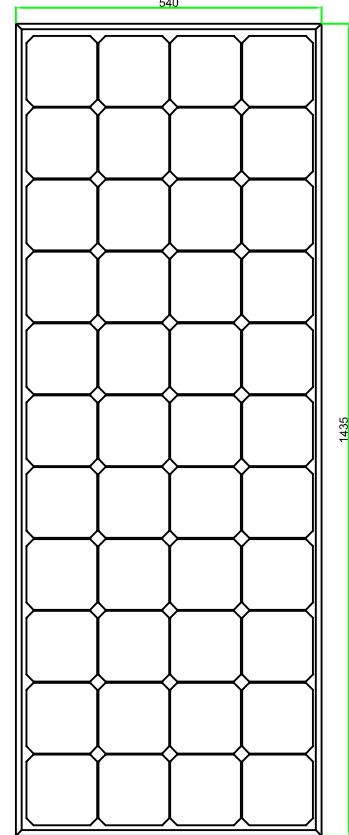
# 130 Watt Monocrystalline Photovoltaic Module

Made with high efficiency back-contact solar cells

## Dimensions

### Electrical Characteristics

<b>Max Power</b>	<b>Pmax</b>	<b>130W</b>
<b>Max Power Voltage</b>	<b>Vmp</b>	<b>24.4V</b>
<b>Max Power Current</b>	<b>Imp</b>	<b>5.32A</b>
<b>Open Circuit Voltage</b>	<b>Voc</b>	<b>29.4V</b>
<b>Short Circuit Current</b>	<b>Isc</b>	<b>5.76A</b>
<b>Maximum System Voltage</b>		<b>600V</b>
<b>Series Fuse Rating</b>		<b>10A</b>



### Temperature Co-efficients

<b>Power</b>	<b>-0.38%/°C</b>
<b>Voltage</b>	<b>-60.8mV/°C</b>
<b>Current</b>	<b>2.2mA/°C</b>

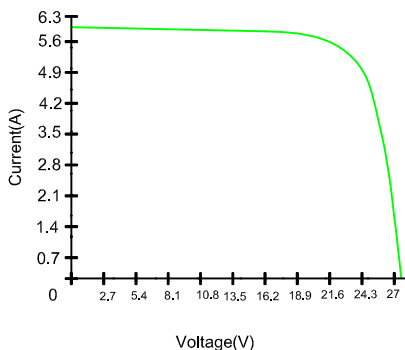
**Cell Efficiency** 19.5%

**Number of Cells in Series** 44

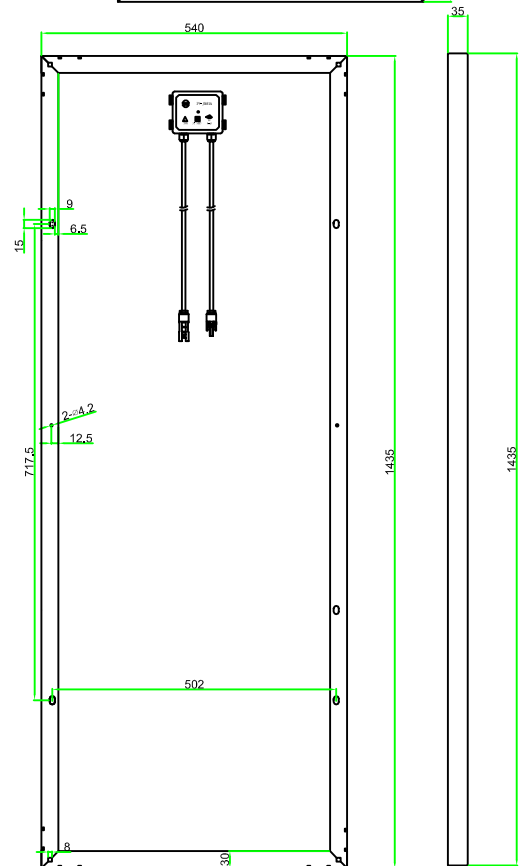
**Max Power tolerance** ±5%

### Mechanical Characteristics

<b>Weight</b>	<b>10.2KG</b>
<b>Dimension</b>	<b>1435*540*35</b>
<b>Frame</b>	<b>&gt;10um clear anodized</b>



Note: All electrical parameters are rated at standard test conditions  
(Irradiance of 1000W/m<sup>2</sup>, AM 1.5G, cell temperature 77°F/25°C)



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