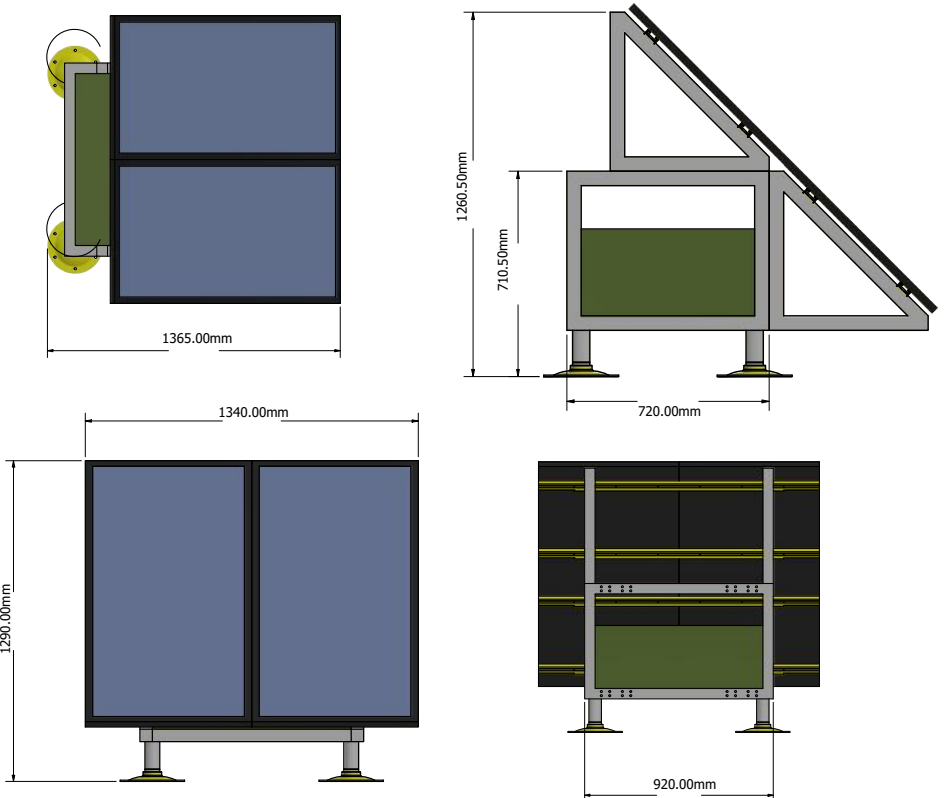


# SOLAR POWER SYSTEM



<b>Application</b>	Power supply for airport or heliport lights.						
<b>Features</b>	<p>The photo voltaic panel system is designed for situations where it is difficult or impossible to power the lights from mains.</p> <p>The battery, charger and control unit are mounted in a resistant metal housing.</p>						
<b>Product Code</b>	<p><b>AL-152-AX</b></p> <table> <tr> <td>Series Indicator (Airfield Lighting)</td><td><b>AL</b></td></tr> <tr> <td>Product Indicator</td><td><b>152</b></td></tr> <tr> <td>Description of product type (Accessory)</td><td><b>AX</b></td></tr> </table>	Series Indicator (Airfield Lighting)	<b>AL</b>	Product Indicator	<b>152</b>	Description of product type (Accessory)	<b>AX</b>
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Product Indicator	<b>152</b>						
Description of product type (Accessory)	<b>AX</b>						
<b>Description</b>	<p><b>Housing</b> The battery, charger and controller unit are enclosed in an powder coated, IP 65, metal case.</p> <p><b>Solar Panel</b> Made of mono or poly crystalline silicon solar cells. Resist environmental hazards such as hail, snow, ice, and storms.</p> <p><b>Charger /Control unit</b> Standard controller or MPPT type for increased efficiency. The charger protects the battery from overcharging depending on the environment temperature. Is designed to enhance the power system performance, providing effective battery charging whilst ensuring the demands of the load equipment are met.</p> <p><b>System Skid</b> Is not adjustable to x°.</p> <p><b>IMPORTANT: The photovoltaic panel must be oriented towards South.</b></p>						

<b>Environment</b>	<p><b>Temperature range:</b> -40° to +55° ,+80° on the surface of the photovoltaic panel</p> <p><b>Degree of protection:</b> IP 65</p>
<b>Mechanical Characteristics</b>	<p><b>Width</b> 1340 mm  <b>Maximum Height</b> 1290 mm  <b>Total Weight</b> 160 Kg</p> <p><b>The system includes the following components:</b>  Pole mounting system.  Photovoltaic panel mounting kit.</p>
<b>Mounting Example</b>	
<b>Electrical Characteristics</b>	<p><b>System Configuration Options:</b>  Operating voltage: 12 V DC, 24 V DC, 48 VDC.  Solar panel power output: from 30W up to 200W.  Charger / Control unit type: standard or MPPT.  Battery capacity: from 30Ah up to 200Ah.</p>



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