

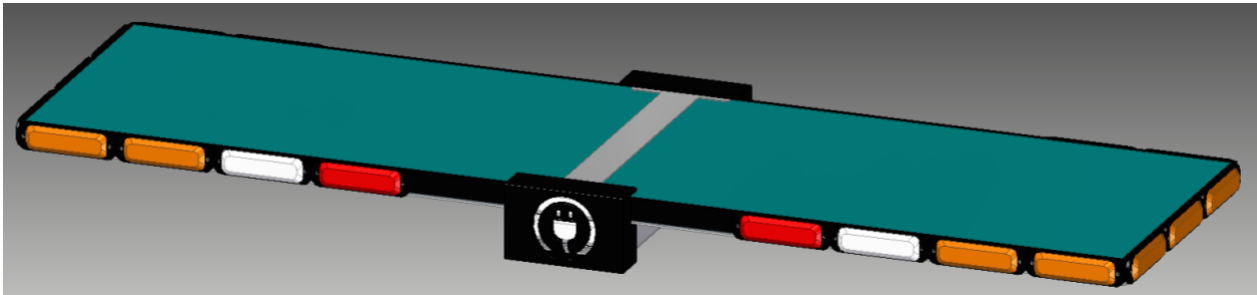
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Solar Strobe Light

Patent No. 2023/03189



To New Products

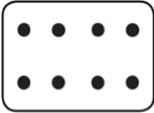
Safety is one of our core values at Revolt. This can be seen throughout our research, development, and design. Light-duty vehicles come with devices that are required to be on even when the vehicle is parked. To comply with the revised Mine Health and Safety Act. All mining mobile equipment must have a proximity detection device. This device must remain on even when the vehicle is parked, as it helps the other operators be alerted to the vehicle's proximity via a beeping alarm and display. This device is critical to making the environment safe.

The solar strobe light aims to ensure that the proximity detection system remains on. Without the solar strobe light, a vehicle's battery will last a day with the proximity detection device. Then the vehicle will need to be jump-started. This results in the vehicle's battery life dropping as the voltage drops below 10.5 volts. The battery will become damaged due to excessive sulfation. Then the vehicle will need to be jump-started every now and then.

This product is an auxiliary power supply, and in particular, an auxiliary power supply for mining and emergency vehicles. You may ask yourself, "What if the battery loses power at night?" On a rainy day, the Solar Strobe Lights 60W panel can fully charge the battery, which is sufficient to power the proximity detection device. It is critical to ensure that the vehicle's battery is in good working order, as the two-way radio used for communication is also dependent on it.

We've gone a bit further in improving safety by including a seat belt external warning light. This light will light up in white at the front and back of the strobe light. This will notify people around that the vehicle's operator hasn't worn their seat belt. With this feature, we hope to encourage brothers and sisters to be each other's keepers by reminding each other to buckle up.

Specification

Version Nr. OEM	V1.3 REVOLT TECHNIQUES PTY LTD	Connector
Mechanical Parameters		
Overall Dimensions	1320x400x90 (LxWxH) mm	DT0*-08**
Weight	12.5 kg	1 - Strobe
IP Rating	65	2 – Left indicator
Material	Stainless Steel	3 - Right indicator
Electrical Parameters		4 – Brake
Operating voltage	12/24 Volts	5 - Reverse
Fuse rating	20 Amps	6 – Seat belt indication
Operating Current	12 Amps	7 – Battery +
Max Current	24 Amps	8 – Ground -
Operating Power Rating	15 Watt	
Max Power rating	60 Watt	
Cable Size-Supply	1.5 mm2	