

SolarTech Power Solutions

Explosion-proof solar power supply system



Overview

Ex solar PV systems are solar PV systems that are rated explosion-proof and are typically installed in hazardous or potentially explosive locations such as offshore O&G platforms or petrochemical refineries. What is an explosion-proof solar power system?

Orga helps make daily operations easier, with Orga's explosion proof Solar Power System, an Uninterruptible Power Supply (UPS) system powered by solar. The off-grid solar power system for the harshest environment. What does an Explosion-proof Solar Power system do?

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Do you offer explosion proof solar modules?

For applications in hazardous areas, (i.e. LNG, Oil & Gas installations), we offer explosion proof solar modules. Fully certified according latest ATEX and IECEx guidelines. 36 Series-connected high efficiency monocrystalline silicon perc solar cells generate a typical peak power of 190 Watts/9.39A at 20.23 Volts.

What is ex solar power solutions?

Ex Solar Power Solutions fully certified with ATEX and IECEx. Suitable to be installed in Zone 1 & 2 hazardous area. Uninterruptable solar power systems is available in standalone power system, or be paired with navigations aids products for off-grid operations. High quality engineered navigational aids with complete solutions.

What is ex solar PV system?

In tandem with the global shift towards sustainable practices, Ex solar PV system is an alternative and eco-friendly solution to provide power to O&G platforms.

Can solar panels be used in a gas explosion hazard area?

They can also be used in zones 1 and 2 gas explosion hazard areas. At Orga we have an enviable track record in the design, engineering and supply of stand alone solar systems and there is so much more to them than just solar panels and batteries.

Are ATEX solar panels explosion-proof?

Enhanced Safety Features: Standard panels do not need to be explosion-proof, meaning they lack safety features of ATEX and IECEx-certified panels. For instance, while a typical solar panel might house its electrical connections in standard junction boxes, ATEX panels use explosion-proof junction boxes.

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Contact Us

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