

PIENAAR ENERGY (PTY) LTD

Manufacturer of wind-solar hybrid power generation system in manchester uk



Overview

We design and manufacture a range of standard and bespoke standalone hybrid power systems for remote & off-grid environments. Our roots lie in the design of small wind turbines, precision engineered and manufactured in the UK and appreciated. Our integrated systems ensure you have a reliable power source, no matter the time of day or weather conditions. Already have solar?

We can upgrade your setup by seamlessly. We give you everything you need to build a hybrid wind and solar system. We have been in the renewable energy industry for 16 years and have a friendly, professional, and knowledgeable team. Robust, lightweight, silent power source to power demanding. Using high voltage engineering, we take projects from application to energisation, with the goal of protecting the environment. Our team of electrical engineering experts are equipped to handle projects from simple cabling installations to complete substation design and build contracts from 11 kV up. Designed for off-grid and high-consumption commercial sites, our solar and hybrid power solutions lets you slash fuel usage by up to 90% — without compromising power availability. SolGen combines solar, battery storage and a Stage V HVO generator into one compact, mobile unit.

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Hybrid Solar Power for UK Sites

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Hybrid Power by Energy Solutions

We design and manufacture a range of standard and bespoke standalone hybrid power systems for remote & off-grid environments.



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Wind Solar Hybrid System

Wind solar hybrid system lets you save double the money and electricity. We produce world-class systems and specialize in providing commercial wind solar solutions.

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Hybrid power solutions

Our hybrid power solution is a system that integrates multiple power sources, such as renewable energy, energy storage, and traditional generators, to provide reliable and efficient electricity supply.

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ProPower Solar Hybrid Generator , Single Phase

Discover the ProPower Hybrid Solar-Diesel Generator - the UK's first off-grid hybrid generator. Save up to 90% on fuel, cut emissions, and deliver reliable single-phase power for construction, rail, utilities, ...

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TriHelix Energy , The World's First Integrated Hybrid Technology

The TriHelix system boasts six low profile Vertical Axis Wind Turbines (VAWT) mounted on a single base. Multiple units may be interconnected to increase energy production.

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Leading Edge Power , Off-grid wind & solar power systems



Leading Edge Power delivers reliable wind turbines, solar and hybrid energy systems, providing clean power solutions for off-grid sites and tough conditions.

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Wind & Sun

System design can be complicated. We can help. Since 1984 we've pioneered world firsts and supported thousands of projects with our technical expertise. Our knowledge articles and ...

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