

Off-grid solar-powered containerized automated oil platform



100KWH/215KWH

LIQUID/AIR COOLING

IP54/IP55

BATTERY 6000 CYCLES



Overview

These rugged, self-contained systems integrate large solar arrays, advanced battery storage, and high-capacity fuel cells — with optional diesel redundancy when regulatory or client requirements demand it. MOBIPOWER containers are purpose-built for projects where energy demands go beyond what a trailer can deliver. In addition to custom design, we offer a range of standard free-standing kits from 100-1100W. We design and engineer custom Solar Power Systems for Oilfield Services, Gas Pipelines, Off-shore Drilling. But now, a new solution is taking over: off-grid solar power systems, especially containerized PV energy solutions. So, why are they gaining ground so fast?

Let's break it down. Diesel Is Expensive and Hard to Maintain Diesel might seem simple, but it's costly — not just in fuel, but in. In addition to providing solar-powered SCADA and RTU (remote terminal units), we have designed solar power packages that will fulfill the following needs: Pipeline security is imperative, as any loss of function in a gas or oil pipeline or well could mean an immense drop in productivity, as well as. Each system integrates solar PV, battery storage, and optional backup generation in a modular, pre-engineered platform that is scalable for projects ranging from 5kW to 5MW+. 40/kWh) and significant carbon emissions (over 1,000 tons of CO₂ annually)—are being phased out, while grid-tied systems remain constrained.

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Efficient & Reliable Solar Charge Controllers for Oil & Gas

With Morningstar, oil and gas and other industrial users around the world can use efficient, reliable, and cost-effective solar electricity to remotely power their essential systems on-site, greatly improving ...

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MOBIPOWER Battery Energy Storage Systems , Off-Grid Solar ...

Ready to Transition Beyond Diesel? Discover the next generation of mobile, autonomous clean power. MOBISMART integrates solar, fuel cells, and batteries into hybrid systems that deliver where diesel ...



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Mobile Solar Power Containers: Off-Grid Energy Anywhere

Designed for rapid deployment and all-terrain applications, this self-contained solar system delivers reliable off-grid power to areas where conventional infrastructure is limited, ...

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Off-grid solar-powered containerized mobile oil platform

modular design for easy additional solar power capacity. Customize your container according to various configurations, power outputs, and storage capacity according to your needs. Lower your ...

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Off Grid Container Power Systems , Hybrid Solar Solutions

MEOX hybrid Off Grid Container Power Systems, built on the core framework of hybrid solar container systems for remote areas, combine DC coupling, VSG grid-forming, and intelligent EMS to maximize ...

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Hybrid Microgrid Technology Platform , BoxPower

Whether deployed as a standalone microgrid or part of a larger portfolio, our containerized systems ensure rapid installation, guaranteed reliability, and the resilience needed for extreme environments.

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Solar Power Solutions

We design and engineer custom Solar Power Systems for Oilfield Services, Gas

Pipelines, Off-shore Drilling, Injection Sites, Wellhead Locations and Related Oil and Gas Service Companies.

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MOBIPOWER-14K , Containerized Off Grid Solar Generator

Our trailerized and containerized platforms integrate solar PV, advanced battery storage, and fuel cells into one seamless solution--delivering reliable, low-emission power where diesel once dominated.



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Why Off-Grid Power Solutions Are Transforming Oil and Gas ...

Traditionally, diesel generators were the only option. They've done the job for decades. But now, a new solution is taking over: off-grid solar power systems, especially containerized PV ...

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