

SolarMax Energy Systems

Common models of new energy industrial and commercial energy



✓ LIQUID/AIR COOLING

✓ PROTECTION IP54/IP55

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Overview

How many business model typologies are there in the energy sector?

The analysis of 50 businesses, and the business models they use in Europe and Australasia, identified five business model typologies into which utilities operating in the energy sector can be categorised. The following sections of the paper detail the specifics of each of the typologies identified.

Are energy utility business models transforming into 'new energy services'?

For utilities, based on their strategic approaches outlined in their annual reports, the answer seemingly lies in the recent shift of energy utility business model research (such as those of EnBW, Innogy, Eneco, Enel etc.) into “new energy services” (i.e. alternatives to commodity energy sales).

What is a traditional energy utility business model?

The traditional energy utility business model focuses on generating energy via (or sourcing energy from) large-scale projects, typically at the scale of 100s-1000s of megawatts (MW), using a variety of technologies: wind, solar PV, solar thermal, biomass, nuclear, coal, gas (Hall and Roelich, 2016).

Should incumbents choose the operating model for a new energy business?

New energy businesses have the potential to thrive, and many incumbents are eager to enter this high-growth space. The operating model that energy players choose can directly impact the success of their new business, and incumbents need to decide what strategy would best suit their business needs.

What is a cooperative energy utility business model?

The cooperative energy utility business model. The Cooperative Utility typically has a small customer-base with little customer churn, but also tends to own only a small number of generation assets, due to their regional focus. This tends to limit the ability of most cooperatives to expand inter-regionally

or internationally.

Which emergent business models are financially vulnerable to increasing VRE capacity?

The four emergent models, Green Energy Utility, Cooperative Utility, Prosumer Utility, and Prosumer Facilitator, in addition to the traditional energy utility, were all shown to have business model structures that were financially vulnerable to increasing levels of VRE capacity present in the energy sector.

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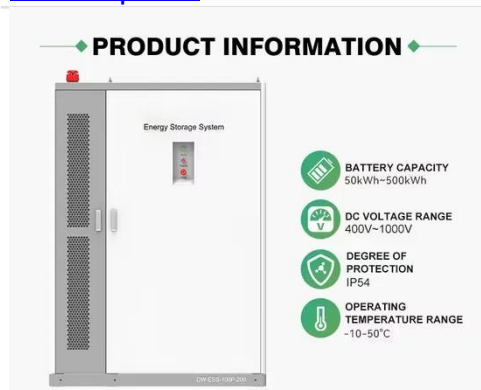
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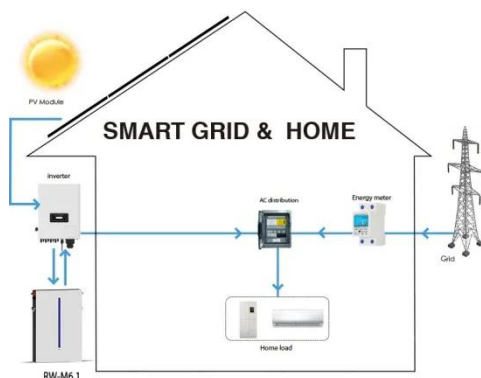


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The Industrial and Commercial Energy Storage Project refers to innovative



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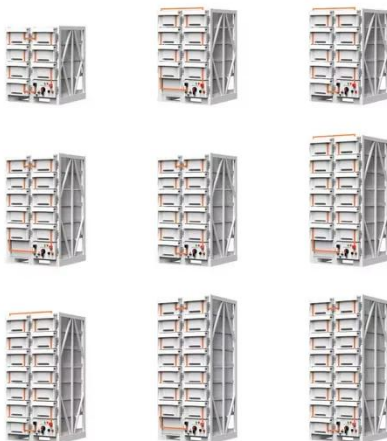
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3 Energy system design To be able to evaluate the applicability of scientific models in the practice of industrial energy system design, it is necessary to discuss some basic aspects. First, the ...

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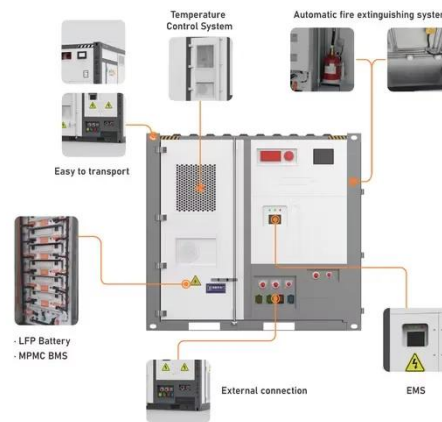
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