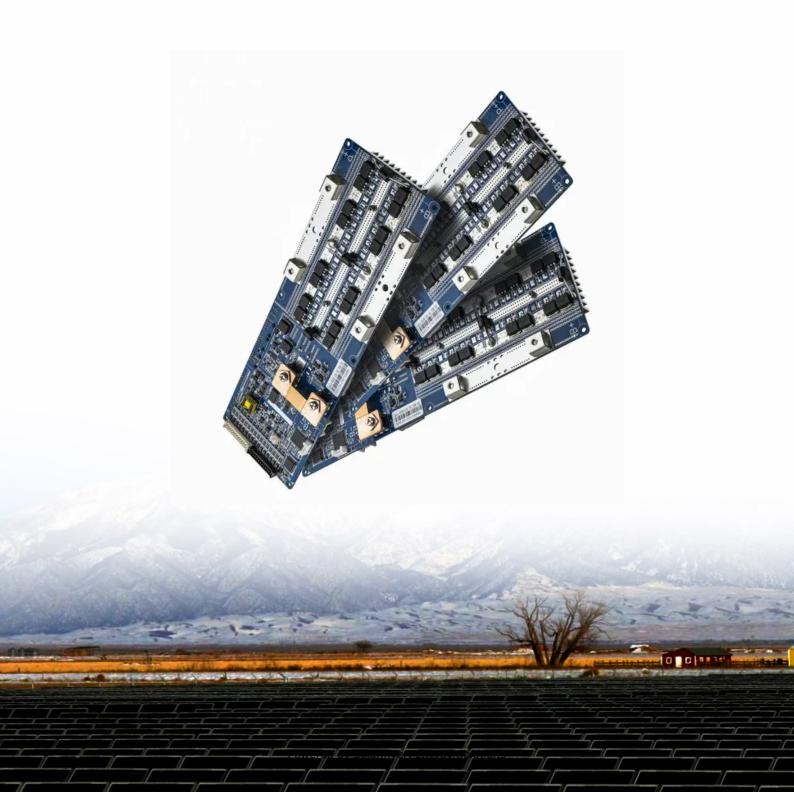


## **SolarInvert Energy Solutions**

# Malta household energy storage equipment manufacturers





#### **Overview**

Does Malta have a long-duration energy storage solution?

Malta has developed a long-duration energy storage solution that leverages steam-based heat pump technology to provide a cost-efficient, flexible, and integration-ready option for utility and industrial clients.

What is the Malta PHES energy storage system?

The Malta PHES energy storage system is built upon well-established principles in thermodynamics and uses conventional components that have been present in power plants for hundreds of years. Electricity from the grid is used to heat molten salt and cool a chilled liquid. In these forms, energy can be efficiently stored for long durations.

What is Malta's electro-thermal energy storage system?

Malta's electro-thermal energy storage system is built upon well-established principles in thermodynamics. Malta's electro-thermal energy storage system is built with abundant, field-proven components that are fully recyclable and reclaimable. Molten salt is the most mature technology used in thermal storage.

What is Malta SEMs?

Designed to accelerate decarbonization, Malta SEMS offers grid-scale, synchronous, long-duration storage with unmatched adaptability. Its ability to supply both power and heat makes it the lowest-cost alternative for a single plant, enabling asset owners to adapt to unpredictable market changes over the next decade.

Why should you choose Malta?

Malta delivers outsized, quantifiable commercial value to a diverse range of customers, empowering them with clean and dispatchable power and heat to achieve their decarbonization and reliability goals. We're focused on helping



to build a more sustainable future.



### Malta household energy storage equipment manufacturers



### Malta Household Energy Storage

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#### **EMS**

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#### **Our Solution, Malta**

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### Press Release, Malta

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#### **Malta**

Malta is a developer of grid-scale longduration thermal energy storage solutions. Incubated at X, the Moonshot Factory (formerly Google [X]), Malta has developed a Pumped Heat Energy ...

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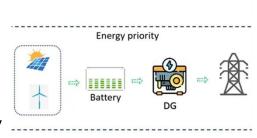
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#### **APPLICATIONS MALTA**

How is energy stored in Malta? Energy is gathered from wind, solar, or fossil generators on the grid as electrical





energy and sent to Malta's energy storage system. The electricity drives a

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## Battery energy storage solutions

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