

# Battery energy storage system in Italy



## Overview

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Italy's installed storage fleet grew 23% by system count over the past year, but jumped 52% in capacity and 40% in power, according to new data highlighted by Italia Solare. Italy now stands as one of Europe's most important markets for battery storage systems. Just under 4GWh is completed and/or operational, with a further 2GWh+ under construction. The demand for energy storage in Italy has been clear over the last half a decade, with solar and wind generation. Zelestra Italy develops photovoltaic, agrivoltaic, and battery energy storage (BESS) projects across six Italian regions, spanning the islands, southern, and central-northern areas, with a total pipeline exceeding 1. With its first projects scheduled to come online in 2026, Zelestra is. Since the 1980s, Italy has shown a constant propensity to innovate in the field of "classic" renewables, with the use of hydropower and pumped storage systems. This pioneering spirit evolved with the advent of new renewables, such as solar and wind, which are not, however, programmable.

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### System Topology



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### Italy Approves 361 MW of Battery

## Energy Storage Systems to Boost ...

Italy has taken a major step forward in its energy transition efforts, giving the green light to 361 MW of new battery energy storage systems (BESS) spread across three regions--Lazio, Puglia, ...

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## EU battery storage additions hit 27.1 GWh in 2025, Germany leads

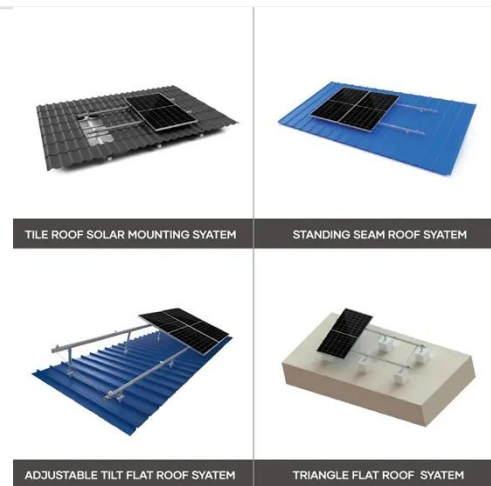
The EU installed a record-breaking 27.1 GWh of new battery energy storage system (BESS) capacity in 2025, with Germany and Italy topping the chart again, while Bulgaria emerged as ...

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## Italy Energy Storage

Therefore, battery energy storage systems (BESS) are needed in Italy. The Italian market for BESS is growing rapidly and currently amounts to 2.3 GW but it almost exclusively consists of ...

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## Italian battery storage market pipeline soars, developers flock from

The Italian utility-scale battery storage market is one of the most exciting in Europe. Just under 4GWh is completed



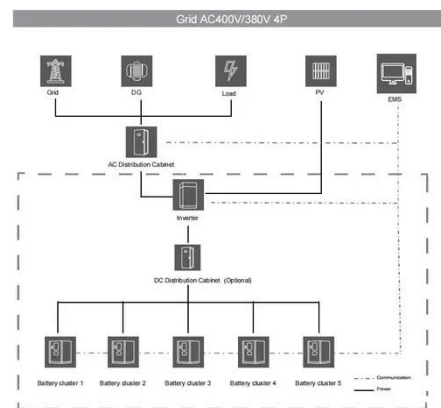
and/or operational, with a further 2GWh+ under construction.

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## Italy's battery fleet expands rapidly as standalone projects scale up

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