

# **Gtm research energy storage service**





## Overview

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What is GTM squared's annual membership?

GTM Squared's annual membership is designed for energy leaders and enterprises. Professionals stay smart with Squared's intel platform that gives access to insights they want, when they want them. The membership includes: A new report from GTM Research maps the growth of EV charging points around the globe. "Is there still room for prices to fall?"

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How will energy storage impact the energy industry?

Energy storage will support and compete with conventional generation, transmission and distribution resources. As the industry evolves, new business models will emerge where companies make, apply and operate storage assets to allow the grid to work more reliably and cost-effectively while decreasing negative impacts.

Is ABB a good choice for a grid-scale energy storage project?

ABB may not always be the lowest-cost provider, but ABB's systems work, which is a critical distinction. Its financial strength is another major benefit in supporting the bankability of a grid-scale storage project. ABB is perfectly positioned to benefit from the globally expanding grid-scale energy storage industry.



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### What Is Grid Edge?

GTM Research (now Wood Mackenzie) tracks deployments and investments in 10 separate markets along the Grid Edge, including advanced metering infrastructure, customer energy management, DER

### GTM Research--US Energy Storage Monitor Q2 2017 -Exec ...

Read the latest magazines about GTM Research--US Energy Storage Monitor Q2 2017 -Exec Summary and discover magazines on Yumpu EN English Deutsch Français Español Português Italiano Român Nederlands Latina Dansk Svenska Norsk Magyar



### US Energy Storage Monitor , Energy Storage Association

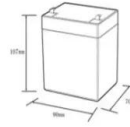
Vital Market Data and Industry Projections Delivered quarterly, the U.S. Energy Storage Monitor from Wood Mackenzie Power & Renewables and the U.S. Energy Storage Association provides the industry's only comprehensive research on energy storage markets, deployments, policies, regulations and financing in the U.S.

### GTM Research

GTM Research is now Wood Mackenzie Power & Renewables . Follow us there! , GTM Research's coverage spans the clean energy industry including the solar power, grid edge, energy



storage and wind



12.8V6Ah

Nominal voltage (V):12.8  
 Nominal capacity (ah):6  
 Rated energy (Wh):76.8  
 Maximum charging voltage (V):14.6  
 Maximum charging current (a):6  
 Floating charge voltage (V):13.6-13.8  
 Maximum continuous discharge current (a):10  
 Maximum peak discharge current @10 seconds (a):20  
 Maximum load power (W):100  
 Discharge cut-off voltage (V):10.8  
 Charging temperature (°C):-10-+50  
 Discharge temperature (°C):-20-+60  
 Working humidity: <95% R.H (non condensing)  
 Number of cycles (25 °C, 0.5c, 100%doD): >2000  
 Cell combination mode: 32700-4s1p  
 Terminal specification: T2 (6.3mm)  
 Protection grade: IP65  
 Overall dimension (mm):90\*70\*107mm  
 Reference weight (kg):0.7  
 Certification: un38.3/mds



### Clean Tech & Renewable Energy News , Greentech Media

Greentech Media delivers renewable energy news. Our solar, wind, energy storage, power utility and grid edge market analysis and conferences inform and connect players in the global clean tech

### GTM: Global energy storage market could reach 8.6GW / ...

The US is expected to remain the world's biggest market for energy storage until 2022, with China its closest rival, GTM Research has said. The US-headquartered firm has just published an



 LFP 48V 100Ah



### 2015 the year 'energy storage took off in US' - GTM

Energy storage deployment in the US grew 243% year-on-year in 2015 and is expected to reach 1.7GW annually by 2020. Image: Portland General, flickr. The US energy storage market grew 243% last year, making 2015 the biggest year of any on record for



### **GTM: Commercial energy storage economics will be attractive in ...**

Commercial energy storage economics are attractive today in seven US states, but according to GTM Research's latest report, that number is to increase to 19 states by 2021, as storage costs continue to fall.



### **US Energy Storage Market Tops the 1 GWh Milestone in 2017**

The U.S. energy storage market is no longer in its infancy. According to GTM Research and the Energy Storage Association's newly released U.S. Energy Storage Monitor 2017 Year in Review, 100

### **GTM: Global energy storage market could reach 8.6GW / ...**

The US is expected to remain the world's biggest market for energy storage until 2022, with China its closest rival, GTM Research has said. The US-headquartered firm has just published an overview of the global industry in 2017, in a report which also carries GTM's forecasting of market trends and expected deployment through to 2022.



### **Energy storage for grid services and applications: Classification**

This paper attempts to make a contribution to the evaluation of the economics of energy storage systems, by providing a comprehensive analysis of services, a review of ...



### 10 Trends That Will Shape the Global Solar Market in 2018

Source: GTM Research Global Downstream Solar Service The five countries poised to cross the 1-gigawatt annual threshold for the first time in 2018 are Brazil, Egypt, Mexico, the Netherlands and Spain.

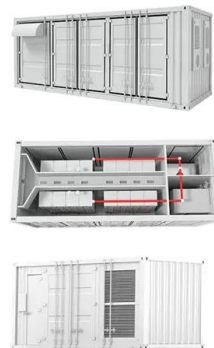


### GTM Research: Global Solar PV Installations Grew 34% in 2015

Mike Munsell is a Marketing Manager with GTM Research. Mike covers key findings from GTM Research's solar, grid edge and energy storage reports and data services. He also hosts GTM's weekly Energy

### GLOBAL ENERGY STORAGE: 2017 YEAR IN REVIEW AND ...

2017 In Review Global Energy Storage: 2017 Year in Review and 2018-2022 Outlook April 2018 6 1.3. Optimism Tempered by a Few Blows to the Storage Business Case in U.K. The government and Ofgem have been talking up the value of flexibility and the



### How Big Is the Residential Energy Storage Market?

According to the latest U.S. Energy Storage Monitor from the Energy Storage Association and Wood Mackenzie Power & Renewables (formerly known as GTM Research) 156.5 megawatt-hours of energy



### US Energy Storage Market Grew 243% in 2015, Largest Year on ...

The U.S. energy storage market just had both its best quarter and best year of all time. According to the GTM Research/Energy Storage Association's U.S. Energy Storage Monitor 2015 Year in



### 21 US States Have Energy Storage Pipelines of 20MW or More

According to GTM Research and ESA's U.S. Energy Storage Monitor, also part of the new Storage Service, the United States will surpass 1 cumulative gigawatt of deployed front-of-meter storage in

### GTM: US solar-plus-storage to become US\$1 billion industry by ...

The US market for solar-plus-storage is predicted to grow more than twentyfold in the next three years, rapidly expanding from US\$42 million in value this year to US\$1 billion by 2018, according to GTM Research.



### US Energy Storage Market Experiences Largest Quarter Ever

The U.S. Energy Storage Monitor can be purchased individually or annually, or accessed as part of GTM Research's new Energy Storage Service. energy storage energy storage monitor gtm research 09.14.21





### [U.S. Energy Storage Monitor](#)

The 2017 Year-in-Review Executive Summary is now available for download. The quarterly U.S. Energy Storage Monitor is produced by GTM Research in conjunction with the Energy Storage Association (ESA), providing the industry's only comprehensive research



### [U.S. Energy Storage Monitor](#)

U.S. Energy Storage Monitor is a quarterly publication of GTM Research and the Energy Storage Association (ESA). Each quarter, we gather data on U.S. energy storage deployments, prices, policies, regulations and business models. We compile this



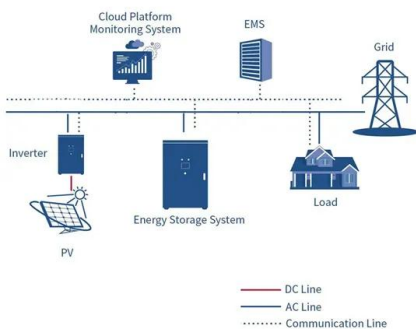
### **Grid-Scale Energy Storage Balance-of-System Costs Will Decline ...**

According to the latest report from GTM Research, Grid-Scale Energy Storage Balance of Systems 2015-2020: Architectures, Costs and Players, these costs will fall 41 percent over the ...



### **German Energy Storage Market to Reach \$1B by 2021**

According to a new report from GTM Research, The German Energy Storage Market: 2016-2021, Germany's energy storage market will grow elevenfold in megawatt terms between 2015 and 2021 to reach an





## Commercial Energy Storage Economics Will Be Attractive in 19 ...

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## America Leads Global Energy Storage Development, But China's ...

Energy storage is effective in providing services to each segment of the power system, from demand charge reduction to frequency regulation. A recent GTM Research study ...

## GTM: 10 US states have energy storage pipelines greater than ...

According to GTM Research and ESA's US Energy Storage Monitor - also part of GTM's Storage Service - the US will surpass 1GW of deployed front-of-meter storage in 2018. In a similar vein, Energy-Storage.News' publisher Solar Media is tracking energy storage movements in the UK market via its UK Storage Project Database report .



## Energy Storage Association and GTM Research Partner on US Energy

Mike Munsell is a Marketing Manager with GTM Research. Mike covers key findings from GTM Research's solar, grid edge and energy storage reports and data services. He also hosts GTM's weekly Energy



### The new economics of energy storage , McKinsey

Energy storage absorbs and then releases power so it can be generated at one time and used at another. Major forms of energy storage include lithium-ion, lead-acid, and molten-salt batteries, as well as flow cells. There are four major benefits to energy storage.



### Greentech Media's integration with Wood Mackenzie

Wood Mackenzie acquired Greentech Media in 2016 and in 2019 integrated the GTM research practice into our ever-expanding Power and Renewables research team. Since ...

### Energy Storage Service , Data Visualization Tool , Wood Mackenzie

Our Energy Storage Service provides market landscape & tech advancements, essential for formulating innovative strategies in the energy storage market. Uncover energy storage technologies, applications and business models that are ...



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