



Gaoge New Energy Storage

Nominal Capacity

280Ah

Nominal Energy

50kW/100kWh

IP Grade

IP54





Overview

As global electricity demand surges—driven by AI expansion and cloud services—Google has taken a strategic step into long-duration energy storage (LDES), partnering with Italian firm Energy Dome to scale its CO₂-based storage technology across key international markets. Google achieves four consecutive years of 100% renewable energy. In the digital age, the demand for sustainable energy solutions is rapidly growing. Technology plays an instrumental role in transforming the traditional energy sector. This final close includes continued participation from existing investors. Today, we announced the final closing of our Series E financing, bringing the total raise to \$425 million.



Gaoge New Energy Storage



[Redwood Materials announces final close of \\$425M Series E to scale](#)

Redwood closes its second and final Series E round and welcomes Google as an investor as we continue to scale energy storage.

Why Google is Backing Long-Duration Energy Storage

Google has partnered with Energy Dome to scale CO2 battery technology, enabling 24/7 carbon-free electricity through long-duration energy storage. As intermittent renewable energy sources grow, the ...



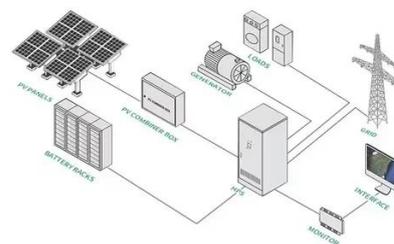
[Google invests in Redwood Materials amid shift to storage developer](#)

News DATA + CLOUD STORAGE Google invests in Redwood Materials amid shift to storage developer Armed with \$425 million and new hyperscale investors, the recycling company is going all-in on ...



[Google Backs CO2 Battery Storage in Global Push for 24-Hour Clean ...](#)

As global electricity demand surges--driven by AI expansion and cloud services--Google has taken a strategic step into long-duration energy storage (LDES), partnering with Italian firm Energy Dome to ...



[Google's Smart Energy Partnership Empowers CO2 Storage Tech](#)

Addressing this, a new collaboration promises to enhance long-duration energy storage -- a key to a clean, reliable power supply. Google has entered into a strategic partnership with Energy Dome to ...

[Redwood attracts Google for its \\$425M Series E as AI power needs rise](#)

Google is the latest investor to back Redwood Materials as the battery recycling startup scales a new energy storage venture to power AI data centers and other industrial sites.



[Google Invests in CO2 Battery for Long-Duration Energy Storage](#)

To move beyond fossil fuels entirely, the energy sector needs longer-lasting storage. Google, long committed to reducing its carbon footprint, has partnered with Energy Dome to support a carbon dioxide ...

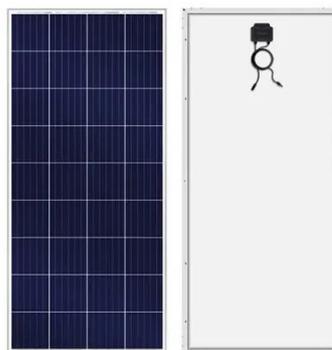


[Redwood Materials closes \\$425m Series E](#)



[funding round, with ...](#)

Redwood Materials, a US-based battery energy storage manufacturer and recycling firm, has closed a \$425 million Series E funding round backed by Google.



[Redwood Materials announces final close of \\$425M Series E to scale](#)

Redwood Materials announces final close of \$425M Series E to scale energy storage, welcoming google as investor Today, we announced the final closing of our Series E financing, bringing the total raise to ...

[Google joins energy storage firm Redwood Materials' \\$425M funding ...](#)

Google joins Redwood Materials' \$425M Series E to boost battery metals, recycling and energy storage--powering data centers and grids amid AI-driven demand.





Contact Us

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