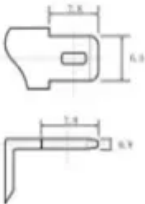
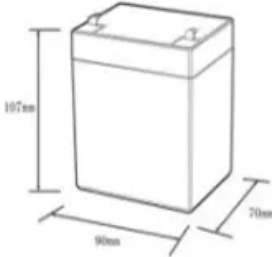
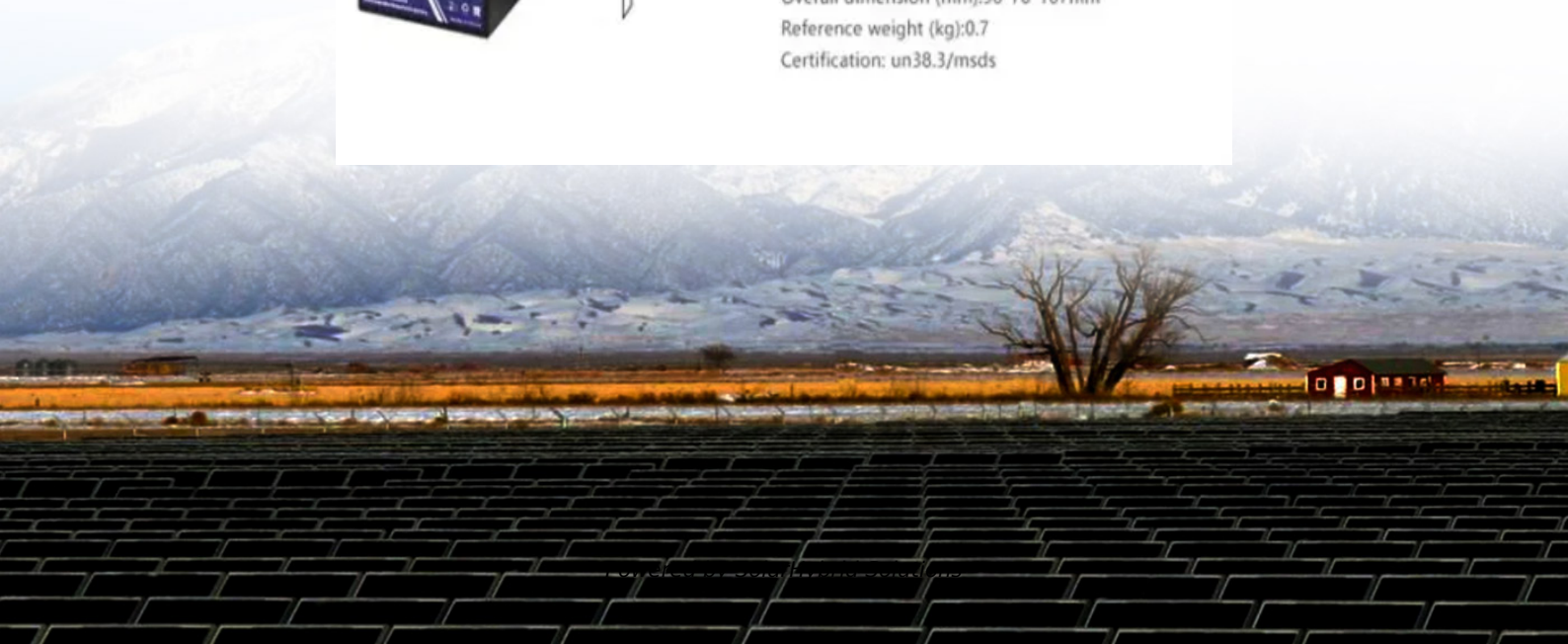


Georgia Outdoor Energy Storage Power Supply Procurement



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):0~+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/msds





Overview

This RFP will include: (i) Standalone ESS with grid charging capability; and (ii) ESS with Renewable Resource and grid charging capability. The procurement target capacity is 500 MW, with a minimum storage duration of 2 hours. Does Georgia Power own energy storage?

Georgia Power first examined energy storage in its 2019 IRP, with approval to build, own and operate 80 MW of BESS at the time. Tristan is an Electrical Engineer with experience in consulting and public sector works in plant procurement. He has previously been Managing Editor and Founding Editor of tech and other publications in Australia.

Does Georgia Power offer an energy-only PPA?

The Energy-Only PPA is available for any eligible Generator, regardless of whether Georgia Power has an identified need for additional energy or capacity in its most-current IRP. The full contract name is "Standard Offer Contract for the Purchase of Non-Firm Energy from a Qualifying Facility."

Will Georgia Power add more energy storage in 2028?

Also notable is that Georgia Power is looking at longer duration energy storage, with 3,000 MW per year of 4-hour energy storage is projected to be added starting in 2028, while 3,000 MW per year of 12-hour energy storage is planned from 2033. Small-scale BESS boost.

Are state resourcing plans updating battery energy storage systems?

State resourcing plans are increasingly updating battery energy storage systems (BESS) plans, especially those tied to solar. US utility Georgia Power has filed its 2025 update to its Integrated Resource Plan (IRP) with the first update since 2023 showing further acceleration in the utility's adoption of (BESS).

Is Georgia Power ready for the future?



Kim Greene, chairman, president and CEO of Georgia Power, said: “At Georgia Power, our vision extends far beyond today — we plan for tomorrow, the next 10 years and decades to come. As Georgia continues to grow, this state is well-positioned for the future thanks to proactive planning, policies, and processes like the Integrated Resource Plan.”.

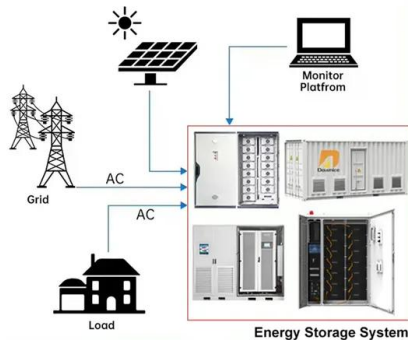
Does Georgia Power have a Integrated Resource Plan (IRP)?

US utility Georgia Power has filed its 2025 update to its Integrated Resource Plan (IRP) with the first update since 2023 showing further acceleration in the utility’s adoption of (BESS). Georgia serves as the eighth most populous US state and a major economic hub in the Southeastern United States.



Georgia Outdoor Energy Storage Power Supply Procurement

DISTRIBUTED PV GENERATION + ESS



[Understanding the Basics of Energy Procurement](#)

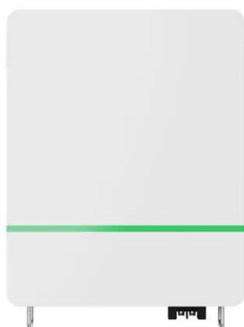
3 min read Energy procurement is a critical aspect of business operations, especially in competitive markets where every decision can impact your bottom line. Mastering ...

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[Battery Energy Storage System Procurement Checklist](#)

Provides federal agencies with a standard set of tasks, questions, and reference points to assist in the early stages of battery energy storage ...

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[Data centers want clean electricity. Can Georgia ...](#)

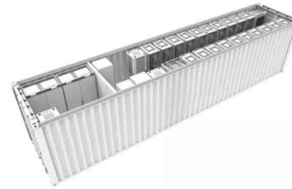
A worker outside of Google's Douglas County, Georgia data center. (Google) Last week, Georgia Power won regulatory approval to fast ...

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[BEST PRACTICES FOR ALL-SOURCE ELECTRIC ...](#)

BEST PRACTICES FOR ALL-SOURCE ELECTRIC GENERATION PROCUREMENT BY JOHN D. WILSON, 1 MIKE O'BOYLE, 2 RON LEHR, 3 AND MARK DETSKY 4 APRIL 2020 It is a ...

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[ESIC Energy Storage Request for Proposal Guide](#)

Several states have set energy storage procurement targets and utilities such as Georgia Power, Southern California Edison, Arizona Public Service, and Hawaiian Electric Company have ...

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[QTS Signs Agreement with Georgia Power That Adds Nearly 350 ...](#)

The agreement is part of Georgia Power's Customer Renewable Supply Procurement (CRSP) tariff. Through CRSP, energy from up to 1,000 megawatts of renewable ...

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[Georgia Power to add 1 GW of solar through new PPAs](#)

4 days ago· The Georgia Public Service Commission last week approved five new power purchase agreements (PPAs) for Georgia Power, adding more than 1,000 megawatts (MW) of ...

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[Competitive Energy Procurement Services](#)

Georgia Power Company Capacity RFP Accion Group acted as the Independent Evaluator for the Georgia Power Company 2022-2028 Capacity Needs RFP ...

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18650 3.7V
RECHARGEABLE BATTERY Li-ion
2000mAh



[Power Purchase Contracting Process](#)

Instructions for providing this notice will be included in each of Georgia Power's capacity RFPs. The full contract name is "Standard Offer Contract for the Purchase of Firm Capacity and ...

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[Georgia Power's 2025 IRP: Further shift towards battery storage](#)

At the same time, procurement of energy from new battery energy storage (BESS) projects is also expected to be a part of all-source capacity Request for Proposals or RFPs, ...

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[Georgia Power requests PSC permission to build and ...](#)

Included in the request are power purchase agreements (PPAs) from existing resources, as well as new, company-owned natural gas ...

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services.psc.ga.gov

Georgia Power has indicated that it will not submit a self-build proposal in this RFP, however Turnkey Projects will be accepted. Energy storage projects may also bid into this RFP.

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[GEORGIA ENVIRONMENTAL FINANCE AUTHORITY](#)

The Resiliency System should be designed to provide a minimum of 36 hours of uninterrupted power supply to critical electric loads. These factors affect the design and sizing of the solar ...

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[Monrovia Energy Storage Power Supply Procurement: A ...](#)

Who's Reading This and Why It Matters If you're part of Monrovia's municipal planning team, an energy consultant, or a business leader eyeing cost-saving solutions, this guide is your ...

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[GEORGIA ENVIRONMENTAL FINANCE AUTHORITY](#)

This document has been developed for the Georgia Environmental Finance Authority (GEFA) to provide local governments a guide to planning and development of a solar power and battery ...

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[Georgia Power requests PSC permission to build and own 3GW ...](#)

Included in the request are power purchase agreements (PPAs) from existing resources, as well as new, company-owned natural gas generation, battery energy storage ...

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Application scenarios of energy storage battery products



[What to choose for outdoor energy storage power supply](#)

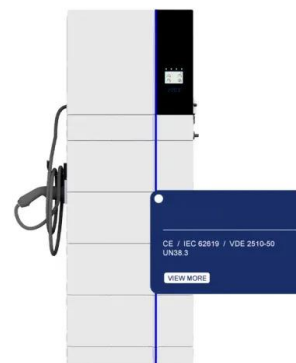
Outdoor energy storage solutions typically include portable power stations, solar generators, and various battery types like lithium-ion or lead ...

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[Georgia Power Request for Proposals for Energy Storage System ...](#)

This capacity-based RFP was approved by the Georgia Public Service Commission as part of Georgia Power's 2022 Integrated Resource Plan and is designed to procure resources to meet ...

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[Georgia Power's IRP to add 4GW of renewable energy by 2035](#)

Georgia Power's 2025 Integrated Resource Plan (IRP) will see the utility aim to install 4GW of new renewable power capacity by 2035.

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Power Purchase Contracting Process

Instructions for providing this notice will be included in each of Georgia Power's capacity RFPs. The full contract name is "Standard Offer Contract for the ...

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Efficient Higher Revenue

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 50% Peak Output Power
- 2 MPPT Trackers, 150% DC Input Overvoltage
- Max. PV Input Current 15A, Compatible with High Power Modules

Intelligent Simple O&M

- IP68 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPDs prevent lightning damage
- Battery Reverse Connection Protection

Flexible Abundant Configuration

- Plug & Play, EPC Switching Under 10ms
- Compatible with Lead Acid and Lithium Batteries
- Max. 6 units Inverters Parallel
- AFCI Function (Optional): when an arc fault is detected the inverter immediately stops operation

Green Power EMC Renewables RFP

GP EMC is seeking proposals from qualified suppliers for both existing or new renewable resources to serve traditional load and the anticipated load growth associated with ...

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MAKING THE MOST OF THE POWER PLANT MARKET:

BEST PRACTICES FOR ALL-SOURCE ELECTRIC GENERATION PROCUREMENT BY JOHN D. WILSON, 1 MIKE O'BOYLE, 2 RON LEHR, 3 AND MARK DETSKY 4 APRIL 2020 It is a ...

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Georgia Power receives approval from Georgia PSC for five new ...

Georgia Power this week received approval from the Georgia Public Service Commission (PSC) to certify five new utility-scale solar site power purchase agreements ...

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[Latvian portable energy storage power supply procurement](#)

The winner of the procurement for the supply and installation of The transmission system operator of Latvia, AS "Augstsprieguma tīkls" (AST), in its open procurement procedure for the ...

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