

## PEES Power Systems

# Energy saving award categories



Display screen  
Linux operation system  
quad-core processors  
smooth and stable system



## Overview

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DOE's 2024 Sustainability Awards included the following categories: Sustainability Champion, Climate Resilience, Carbon Pollution-Free Electricity, Zero Emissions Vehicles, Deep Energy Retrofits, and Net-Zero Buildings. Read about the DOE Sustainability Award winners. Each year, EPA honors a group of businesses and organizations that have made outstanding contributions to protecting the environment through superior energy efficiency achievements. The awards will be presented at the 2025 ACEEE Summer Study on Energy Efficiency in Industry. The ACEEE Board of. To help buyers meet these requirements, the Federal Energy Management Program (FEMP) maintains acquisition guidance for the following product categories, which are specified under various efficiency programs. Find the most recently updated covered product category acquisition guidance below. In the inaugural year (2006), ASHE awarded 9 facilities with this prestigious award.

## Energy saving award categories

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## Illumination Award Categories

Advanced lighting control solutions can provide significant energy savings, flexibility, and other benefits in buildings. This prestigious award recognizes good lighting projects that exemplify the effective use ...

## Energy Secretary Issues Order to Secure Grid Reliability in Mid

Emergency order increases grid stability and minimizes the risk of energy shortfalls in the Mid-Atlantic region of the United States.



## Award Descriptions

Manufacturer of the Year / Product Brand Owner of the Year - recognizes a manufacturer / product brand owner (in each of the categories below) that has shown leadership and innovation in ...

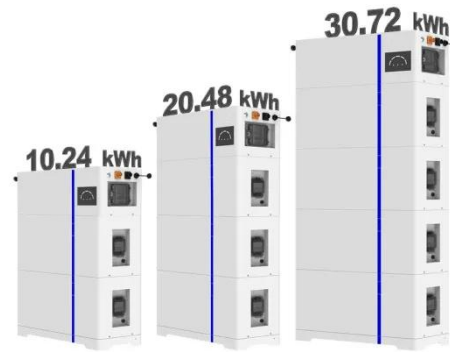


## ACEEE Champion Awards

Nominate peers who have led successful energy-saving efforts in the industrial sector. The ACEEE Board of Directors' Awards Committee will select winners from nominees who have demonstrated

...

**ESS**



**Efficient Higher Revenue**

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

**Intelligent Simple O&M**

- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD prevent lightning damage
- Battery Reverse Connection Protection

**Flexible Abundant Configuration**

- Plug & Play, EPS Switching Under 30ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 Units Inverters Parallel
- AFC Function (Optional): when an arc fault is detected the inverter immediately stops operation

**9 Key Takeaways from President Trump's**

With the pressing need for more American energy to meet the challenges of AI and secure our nation's energy dominance, President Trump's vision for a revitalized U.S. nuclear energy ...

**U.S. Department of Energy Sustainability Awards**

DOE's 2024 Sustainability Awards included the following categories: Sustainability Champion, Climate Resilience, Carbon Pollution-Free Electricity, Zero Emissions Vehicles, Deep Energy Retrofits, and ...

- LiFePO<sub>4</sub> Battery, safety**
- Wide temperature: -20~55°C**
- Modular design, easy to expand**
- The heating function is optional**
- Intelligent BMS**
- Cycle Life: > 6000**
- Warranty: 10 years**



**Search for Energy-Efficient Products , Department of Energy**



Search for energy-efficient covered product categories in the table below. Click a column heading to sort the table, or use the search box to find a product by keyword. Download a full list of covered product ...

## ENERGY STAR Awards

Last year, more than 200 organizations were honored across more than a dozen categories. Learn more about their efforts and contributions to energy efficiency. See the 2024 ENERGY STAR Award ...



## Energy Innovation

You may have heard some myths about renewable energy, and you're probably wondering how you can learn the truth about wind turbines, solar panels, and the clean energy economy so you ...

## EPA Announces 2024 ENERGY STAR Awards for Outstanding

...

These 211 organizations, which

represent the top ENERGY STAR program partners, are making significant contributions in support of the clean energy transition. They come from 38 states ...



## Department of Energy

Genesis Mission leverages the Department of Energy's unique scientific datasets--spanning more than 100 petabytes of experimental and simulation data across every major domain of science--to double ...

## Categories and Criteria , Energy Saving Awards

The Energy Saving Awards feature an array of expertly curated categories, designed to reflect and reward the very best from all corners of the sector. ,



## Energy Sources

Learn more about America's energy sources: fossil, nuclear, renewables and electricity.



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## Secretary Wright Acts to "Unleash Golden Era of American Energy"

To compete globally, we must expand energy production and reduce energy costs for American families and businesses. America must lead the world in innovation and technology ...



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## ACEEE Recognizes Leading Energy Efficiency Programs

The American Council for an Energy-Efficient Economy (ACEEE) recognized outstanding utility-funded energy efficiency programs for its Leaders of the Pack awards, naming winners in 10 ...

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## Energy Department Announces Over \$35 Million to Advance ...

WASHINGTON-- The U.S. Department of

Energy (DOE) today announced more than \$35 million for 42 projects through DOE's Technology Commercialization Fund (TCF) to help move ...



## FY 2026 Budget Justification , Department of Energy

Fiscal Year 2026 Budget Justification documents to support the Department of Energy Budget Request to Congress

## Solar Energy

There are two main types of solar energy technologies--photovoltaics (PV) and concentrating solar-thermal power (CSP). On this page you'll find resources to learn what solar ...



## Energy to Care Award Categories and Criteria

The Energy to Care Sustainability Champion recognizes facilities who demonstrate leadership in health care



sustainability. Multiple facilities are eligible to win this distinguished award on an annual basis.

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## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
<https://peregrine-energy.co.za>

