

# Basf solar container power station





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### X-ELIO powers on Texas solar-and-storage plant that will supply ...

BASF will source 48 MW of electricity from the Liberty Project to help power its Freeport site as part of a 12-year Power Purchase Agreement (PPA) announced in 2022.

### X-ELIO Solar-Storage Farm Supplying 48 MW to BASF Manufacturing ...

Renewable energy developer X-ELIO has launched commercial operations at a combined solar and battery storage project that helps power consumer goods manufacturing in south Texas.



### BASF advances renewable energy commitment with wind and solar power

BASF is collaborating with EDF Energy North America to improve the energy balance and reduce CO2 emissions of two of its production sites in Texas. The companies have signed a 35 MW ...

### X-Elio cuts ribbon on BASF-contracted solar-storage ...

Spanish renewables developer X-Elio has officially opened its 72-MW Liberty Energy solar park with co-located storage in Texas that will



supply a local facility ...



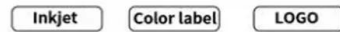
### Greater efficiency for solar power plants

BASF offers an extensive product and service portfolio One alternative is generating energy in concentrated solar power plants (CSP), which allow heat to be stored and electricity to be generated ...

### Exemplary Projects

BASF's renewable power portfolio is further diversified by the long-term PPA with ENGIE, sourcing renewable power from wind and solar farms across Europe. Under this agreement, which is active ...

Support any customization



### The Noor Concentrated Solar Power Complex and BASF's 24-Hour ...

Molten salt, which is produced by companies such as BASF, is being used in concentrating solar power plants to provide efficient thermal energy storage and is part of the overall ...

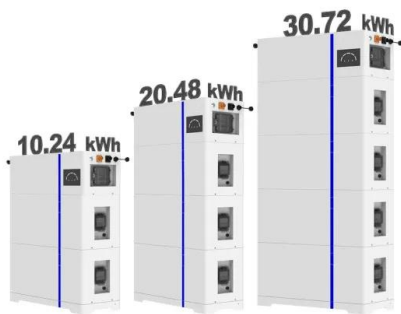


## Energy and Climate Protection

In 2023, internally generated power in the BASF Group had a carbon footprint of around 0.26 metric tons of CO<sub>2</sub> per MWh of electricity and was below the national grid factor at most BASF sites. The ...



### ESS



## X-ELIO Launches Solar and Storage Plant to Power BASF Freeport

The Liberty Energy Project in Texas, with 72 MW solar and 60 MW storage, supplies 100% renewable energy to BASF Freeport, supporting its net-zero emissions goal by 2050.

## BASF China's first power storage station commissioned at its Greater

Today, BASF's first power storage station in China went into operation at its Shanghai Pudong Innovation Park (Pudong site), home to BASF Greater China headquarters. Co-established ...



## BASF Freeport Site Features Total Purchased Power From Renewables

BASF and X-Elio sign a 12-year power purchase agreement (PPA) to supply 48 megawatts (MW) of solar power to BASF's manufacturing site in Freeport, Texas. With this agreement in place, 100% of ...



### BASF eyes wind and solar stake for 'world-first' chemicals plant

The partners are looking to power the acrylics and polypropylene plant with 100% renewable energy, with BASF considering taking a minority stake in a wind and solar array ...



### Basf solar container project

BASF has also invested in a solar park to supply renewable power to BASF's second-largest site in Germany: Schwarzheide. This 24-hectare facility has a capacity of approximately 24 MW and has ...

### BASF India joins hands with Clean Max to procure hybrid solar and ...

India - November 11, 2025: BASF India Limited has signed a Share Purchase Agreement with Clean Max Enviro Energy Solutions Limited for procuring renewable energy from the hybrid solar and wind ...



### Basf solar container project

BASF has also invested in a solar park to supply renewable power to BASF's second-largest site in Germany: Schwarzheide. This 24-hectare facility has a capacity of approximately 24 MW and has ...





### Novatec Solar and BASF start operations of solar thermal ...

Novatec Solar and BASF have successfully commissioned a solar thermal demonstration plant based on a new type of molten salt technology, known as direct molten salt or DMS technology. ...

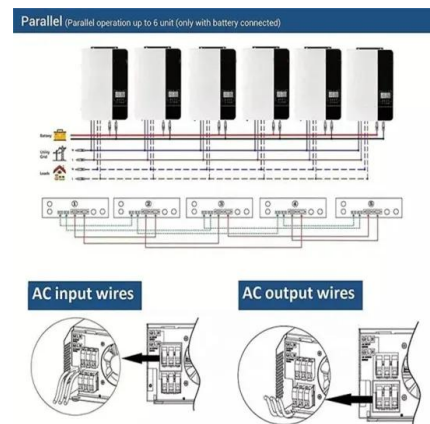


### X-ELIO powers on Texas solar-and-storage plant that will supply ...

The Liberty Energy project has 72 MW of solar PV capacity and 60 MW of battery storage capacity and represents a key milestone in achieving 100% renewable energy supply for ...

### Future fit by modernization, the BASF power plant

The BASF site in Schwarzheide, Germany, is a location that today employs 3,500 people. BASF now needs to change its energy policy if it is to achieve its important objective of sustainable ...



### X-ELIO Starts up Renewable-Power Plant to Support BASF Freeport

Thanks to our partnership with X-ELIO, we are able to supply 100% of our expected purchased power at our Freeport site from renewable sources. This project supports our long-term ...



## X-ELIO powers on Texas solar-and-storage plant that will ...

The Liberty project, which combines 72 MW of solar photovoltaic (PV) capacity with an additional 60 MW of battery storage capacity, is X-ELIO's first combined solar PV and battery energy ...

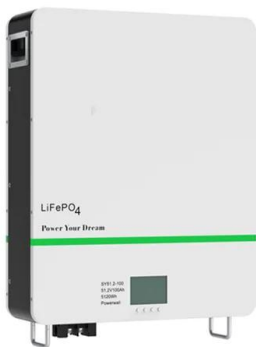


## BASF and X-ELIO sign power purchase agreement to supply Freeport ...

BASF and X-ELIO have signed a 12-year Power Purchase Agreement (PPA) to supply 48 megawatts of solar power to BASF's Verbund site in Freeport, Texas. With this agreement in ...

## Solar Chemicals

BASF salts and services for concentrated solar power industry Extensive experience and cutting-edge innovation: when you join forces with BASF, you get the best of both worlds. Not only are you are ...



## BASF - Global Home

As food prices climb and extreme weather disrupt supply chains, BASF is betting on science - heat-tolerant seeds, digital farming tools, and sustainable crop protection - to help farmers grow more with ...



## More efficiency for concentrated solar power plants thanks to new BASF

Renewable energy has an important contribution to make in protecting the environment and climate. Solar energy plays a particularly significant role here and has become more widespread ...



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