



ESS Battery Packs

Cygni's ESS battery packs are advanced Li-Ion battery packs with high energy density. The ESS battery packs are ideal for energy storage system for commercial and industrial applications. Compact and scalable design is best suited for UPS / Inverter / Microgrid applications



Li-Ion Battery for Loader Vehicles

Cygni Loader & E-Rickshaw batteries are high-capacity (5, 7.5 and 10kWh) Lithium-Ion batteries available in a lightweight and compact design. Cygni's battery pack comes with a host of new features:

- Reserve Mode Function
- Multiple Temp Sensor-based Protection
- Faster Cell Balancing
- Ability to revive a deeply discharged battery
- Dynamic Overload Cut-Off
- GPS Enabled Tracking
- Remote Disconnect

“Renewable energy is a clear winner when it comes to boosting the economy and creating jobs”

Tom Steyer





Beyond 1000 solutions for greener tomorrow

We are proud that Cygni Energy's Solar-DC Inverterless Controller is now recognized as part of [SolarImpulse Foundations](#)' #1000solutions portfolio to contribute to a greener planet.



Introducing Our New Website "CYGNI.COM"

We are excited to announce that our new user-friendly, and new age website "www.cygni.com" is now live.

We invite you to please visit our website and share your ideas&suggestions.

A power packed response to COVID-19!

CYGNI is providing power back-up for ventilators and powering solutions for isolation units in rural healthcare centres



A power-packed response to COVID-19

We are proud to say that agnii "Accelerating Growth of New India's Innovations" has recognized our solutions for providing constant power supply for ventilators and #COVID19 isolation units in India's rural primary healthcare centers. #IndiaFightsCorona

Battery Performance Scorecard

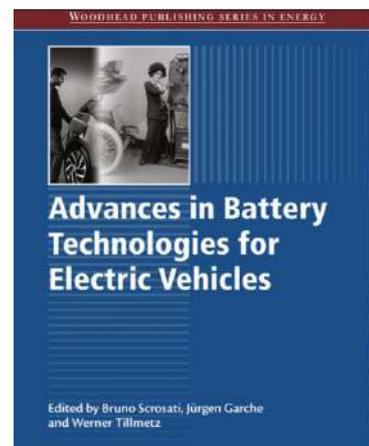


Book of the month - *Advances in Battery Technologies for Electric Vehicles*

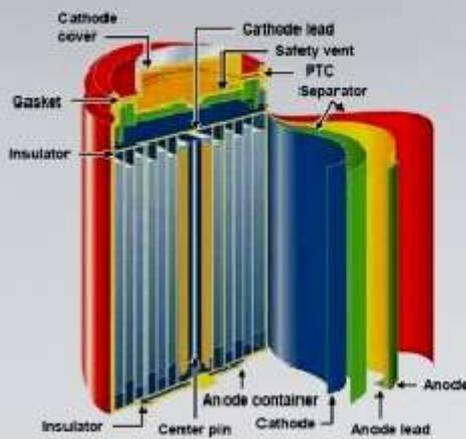
Jurgen Garche, Werner Tillmetz

Advances in Battery Technologies for Electric Vehicles provide an in-depth look into the research being conducted on the development of more efficient batteries capable of long-distance travel.

The book contains an introductory section on the market for battery and hybrid electric vehicles, then thoroughly presents the latest on lithium-ion battery technology.



Lithium Cell Structure



- Cathode
 - Positive electrode
- Anode
 - Negative electrode
- Separator
- Electrolyte
- Can and terminals
- Safety vents

Structure of a Li-Ion Battery (source:GM,2007)



Friday Fun Game: MOVIN'UP

Movin' On Up Game- The challenge is to beat the timer. This is one of the best timer games. Whether it's a simple get-together of a team or a floor gathering, this game helps pass the time with a lot of fun and enthusiasm. And, Movin' On Up will fit in perfectly.

Upcoming Activities- May 2021



Eid al-Fitr

Cygni will celebrate EID "Festival of Breaking the Fast" or Lesser Eid, is a religious holiday celebrated by Muslims worldwide that marks the end of the month-long dawn-to-sunset fasting of Ramadan.

Celebration- All Hands Meet



Subscribe Now

Cygni Energy Private Limited
Lansum House, Plot No. 283,
Road Number 78, Jubilee Hills,
Hyderabad, Telangana - 500033