



# More power. Less weight. Lower cost.

## Energy Pak Lithium to replace your lead acid battery

*Outperforms AGM lead acid batteries.*

### More power

Higher peak power for heavy loads with deeper discharge level.

### Lighter weight

75% less weight than lead acid battery. So, lower fuel consumption and pollution.

### Lower cost

Lithium lasts longer and delivers more energy over its lifespan. Costs less per watt used.

### More conveniences

Faster charging, easier to install and maintain, fewer replacements, more space for your devices, and no risk of corrosion if used in a boat or vehicle.

### Higher quality battery cells

Energy Pak lithium uses battery cells from the world leader CATL. CATL cells are rigorously tested to ensure they meet the heavy demands of various applications.

### Safer + smarter battery management

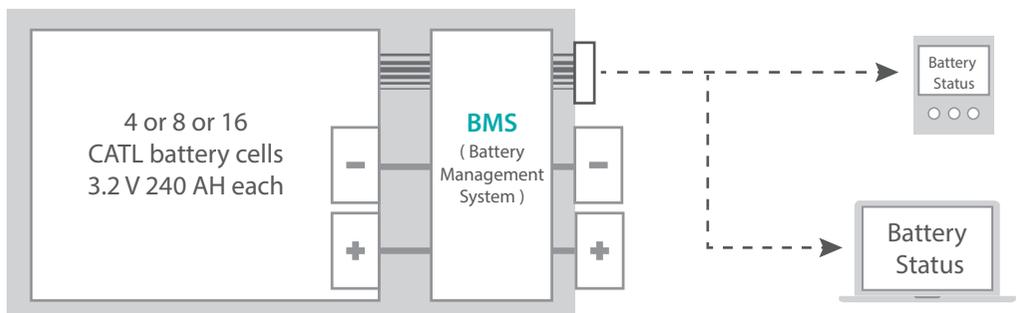
Microgreen's built-in Battery Management System (BMS) is the brain of the lithium bank that controls and regulates the power delivery. It protects it from over charging, over discharging while monitoring its temperature and overall performance.

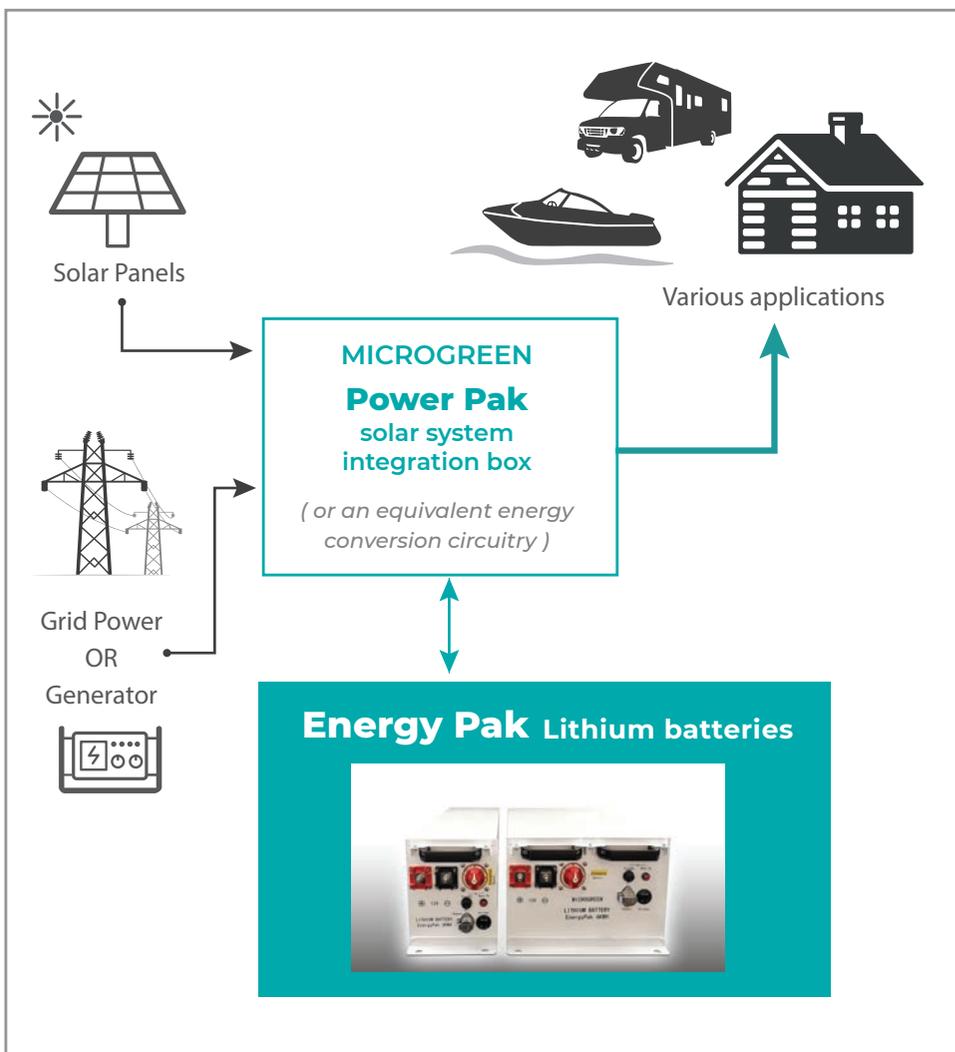
### Built-in heater

Protects battery cells in cold weather and improves performance.

### CATL

Contemporary Amperex  
Technology Co. Ltd.  
Traded as SZSE:300750  
[www.catlbattery.com](http://www.catlbattery.com)





## KEY FEATURES

- **Long lifespan**  
Typically 6000 charging cycles, or more than 4 times the lifespan of lead acid.
- **Light weight**  
Weighs 75% less than lead acid.
- **Fast charging**  
Fully charges in 2 hours.
- **High power delivery**  
Delivers continuous current as high as 250 A and surge current of 700 A.
- **Built-in Battery Management System (BMS)**  
Ensures the safe operation of the battery bank by protecting it from over charge, over discharge and over current. It also monitors its temperature and overall performance. Thereby, extending the lifespan of the batteries.
- **Battery monitoring**  
Control your energy usage with real-time reporting of battery status, such as charge state, current draw, cell voltage via remote display or bluetooth-connected app (Android).
- **Customizable**  
Microgreen can design a custom configuration to match your power, voltage and capacity needs.

## 3 MODELS AVAILABLE:

### Energy Pak 3

For RV or boat power  
3 kWh capacity, 12 V output

### Energy Pak 6

For typical cottage & home off-grid system or back-up system  
6 kWh capacity, 12/24 V output

### Energy Pak 12

For home off-grid system, transit vehicle emissions reduction system  
12 kWh capacity, 24/48 V output

## Scan to learn more on ENERGY PAK LITHIUM



Find out how Energy Pak lithium performs better than lead acid.

## Energy Pak lithium specs summary

MODEL	Energy Pak 3	Energy Pak 6	Energy Pak 12
ENERGY	3 kWh	6 kWh	12 kWh
WEIGHT	33 kg	60 kg	115 kg
DIMENSIONS	L x W x H 60 x 21 x 27 cm	L x W x H 62 x 42 x 27 cm	L x W x H 33 x 56 x 122 cm
VOLTAGE	12 V	12 V or 24 V	24 V or 48 V
MAXIMUM POWER	3 kW	3 kW or 6 kW	6 kW or 12 kW
OPERATING LIFE TIME	6000 cycles	6000 cycles	6000 cycles
CURRENT CAPABILITY	250A continuous, 700A peak	250A continuous, 700A peak	250A continuous, 700A peak
WARRANTY	3 years	3 years	3 years