

# Cymbet solid state battery





## Overview

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The EnerChip CBC012 is a solid state thin film rechargeable battery. It is designed to be surface mounted (SMT) and is reflow tolerant. The EnerChip provides thousands of recharge cycles and has a fast recharge time.

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EnerChip™ is the world's first component packaged battery available in a surface-mount technology (SMT) package that can be used like any SMT device with reflow tolerance and automated pick-and-place compatibility. EnerChip eliminates the need for unreliable coin-cell holders or leaky super-caps.

Cymbet Corporation announced today at the PCIM Europe show the successful results of in vivo biocompatibility feasibility studies that were conducted to evaluate the biological safety of the EnerChip™ Rechargeable Solid State Battery. EnerChip bare die batteries were crushed and combined into a.

Cymbet Corporation is an industry leader in thin film battery technology and energy harvesting power management solutions. Cymbet has taken solid state, thin film battery technology concepts and materials and developed a family of commercial products intended to provide new, cost-effective.

Cymbet EnerChip™ thin film rechargeable solid-state smart batteries (SSB) are an innovation in energy storage and power management. Packaged as a Surface Mount Technology (SMT) component, the EnerChip provides energy storage in a form factor and with a convenience not previously attainable using.

The Cymbet EnerChip RTC family of devices are the first single chip solutions to combine an ultra-low power Real Time Clock a Solid State Rechargeable Battery and an integrated power management integrated circuit (PMIC) into a small surface mount reflow-solderable plastic package. The EnerChip RTC.



## Cymbet EnerChip?

solid-state, rechargeable thin - film batteries are a new innovation in energy storage and power management that provides energy storage in a form factor and with a convenience not previously attainable using conventional solutions such as lithium coin cells and super capacitors.



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### [Cymbet latest EnerChip\(TM\) RTC = RTC + Solid State ...](#)

The Cymbet EnerChip RTC family of devices are the first single chip solutions to combine an ultra-low power Real Time Clock a Solid State Rechargeable Battery and an integrated power management integrated circuit (PMIC) into a small ...

### [Cymbet EnerChip Solid State Battery Overview . DigiKey](#)

Cymbet EnerChip(TM) rechargeable solid state batteries are the ideal solution for energy storage for microelectronic systems. Applications include backing up Real Time Clocks, ...



### [Cymbet: Solid State Batteries with Energy Harvesting](#)

Cymbet has become the world's largest volume manufacturer of solid-state batteries with energy harvesting, suitable for all kinds of IoT applications.



## Cymbet EnerChip Thin-Film Batteries

Cymbet Corporation is a leader in thin-film, solid-state storage devices and energy harvesting technology. The company is the first to market a surface mount packaged ...



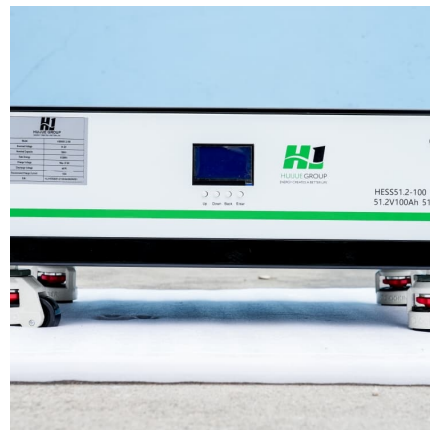
### Cymbet

Cymbet is a leading company in the field of solid-state energy storage solutions. They specialize in the development and manufacturing of thin-film, solid-state batteries and energy harvesting ...



### [Cymbet latest EnerChip\(TM\) RTC = RTC + Solid State Battery](#)

The Cymbet EnerChip RTC family of devices are the first single chip solutions to combine an ultra-low power Real Time Clock a Solid State Rechargeable Battery and an integrated power ...



### [Cymbet to Open World's Highest Volume Solid-State ...](#)

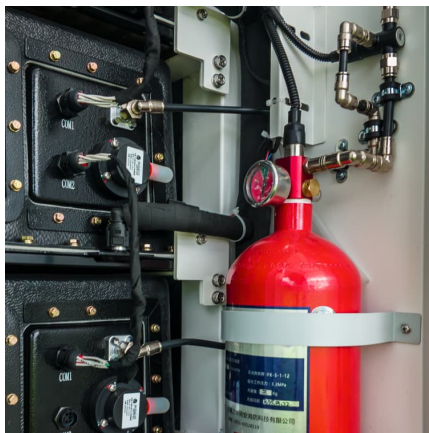
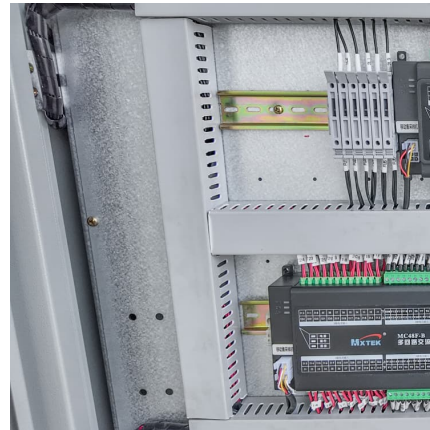
Cymbet Corp. announced that it has reached an agreement with X-FAB Texas Inc., to open what Cymbet says is the world's highest volume solid-state battery (SSB) production facility in Lubbock, Texas.





## Cymbet Corporation

Cymbet produces the EnerChip? solid-state, rechargeable thin film battery family, a new innovation in energy management and energy storage that provides innovative power storage ...



## Cymbet EnerChip Solid State Batteries Verified 100% Biocompatible

Cymbet Corporation announced today at the PCIM Europe show the successful results of in vivo biocompatibility feasibility studies that were conducted to evaluate the ...

## Cymbet EnerChip Overview

With the environmentally friendly EnerChip, you get a reliable, low-profile, cost-effective solid-state thin-film battery that provides power when you need it, exactly where you want it.



## Cymbet to Open World's Highest Volume Solid-State Battery Manufacturing

Cymbet Corp. announced that it has reached an agreement with X-FAB Texas Inc., to open what Cymbet says is the world's highest volume solid-state battery (SSB) ...



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