

# SOLVING BIG SOCIETAL AND ENVIRONMENTAL CHALLENGES THAT IMPACT EVERYDAY LIFE

# Industry Specific

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## Commercial & Industrial

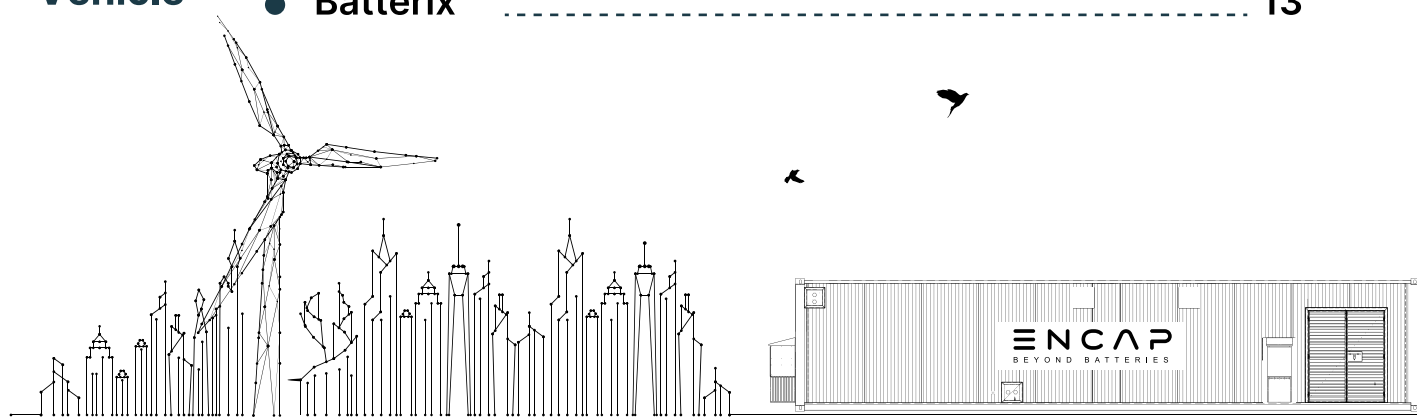
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**ENCAP**  
BEYOND BATTERIES

**10kWh - 48V**

Encap's supercapacitor energy storage is the world's longest lasting energy storage product. Designed for stationary storage applications, this innovative product delivers market leading attributes such as no capacity decay, multiple daily cycling, fast charge and discharge and minimal thermal management. Encap delivers without compromise on safety and does not have thermal runaway risk. Last, but not least, Encap is recyclable and biodegradable, making it the most environmentally sustainable product on the market.

### Key Features:

**100%**  
Depth of Discharge

**99.1%**  
Round Trip Efficiency (at cell level)

**500,000**  
Life Cycles (at cell level)

**10**  
Years Warranty\*

**No**  
Degradation\*

**-30°C~ to +70°C**  
Operating Temperature

**OLED**  
Touch Screen

**In-built**  
Safeties

**100% Recyclable**  
and Biodegradable

**No Thermal**  
Runaway Risk


**Communication**  
Dry Contacts, Wi-Fi & CANBUS

**Multiple Cycles**  
Per Day Capability

### Applications:

 Residential

 Industrial

 Solar+Storage

 Telecom Backup

 Data Center

\*Conditions Apply



**ENCAP MICRO**  
BEYOND BATTERIES **ECONO**

**8kWh - 48V**

Specially designed for the Telecom sector, Encap Micro storage, with its multiple cycling capability, degradation-free performance, and long cycle life, is the telecom industry's go to storage solution, delivering the best performance at the lowest cost in the industry for BTS, data centre, and fixed-line network applications.

### Key Features:

**100%**  
Depth of Discharge

**>95%**  
Round Trip Efficiency (at cell level)

**500,000**  
Life Cycles (at cell level)

**10**  
Years Warranty\*

**No**  
Degradation\*

**-30°C~ to +70°C**  
Operating Temperature

**No**  
Touch Screen

**Safety**  
SSR

**No thermal**  
Runaway Risk

**Remote**  
Monitoring

**Communication**  
CANBUS (with Encontrol Device)

**Multiple Cycles**  
Per Day Capability

**Connect in**  
Parallel

### Applications:



Telecom Backup



Data Center



DC Exchange



Industrial



Solar+Storage

\*Conditions Apply





**ENCAP MICRO**  
BEYOND BATTERIES **OPTI**

**8kWh - 48V**

Specially designed for the Telecom sector, Encap Micro storage, with its multiple cycling capability, degradation-free performance, and long cycle life, is the telecom industry's go to storage solution, delivering the best performance at the lowest cost in the industry for BTS, data centre, and fixed-line network applications.

### Key Features:

**100%**  
Depth of Discharge

**10**  
Years Warranty\*

**No**  
Touch Screen

**Remote**  
Monitoring

**>95%**  
Round Trip Efficiency (at cell level)

**No**  
Degradation\*

**Safety**  
FUSE/MCB

**Communication**  
CANBUS (with Encontrol Device)

**Connect in**  
in series or Parallel

**500,000**  
Life Cycles (at cell level)

**-30°C~ to +70°C**  
Operating Temperature

**No thermal**  
Runaway Risk

**Multiple Cycles**  
Per Day Capability

### Applications:



Telecom Backup



Data Center



DC Exchange



Industrial



Solar+Storage

\*Conditions Apply



**ENCAP MICRO PRO**  
BEYOND BATTERIES

**8kWh - 48V**

Specially designed for the Telecom sector, Encap Micro storage, with its multiple cycling capability, degradation-free performance, and long cycle life, is the telecom industry's go to storage solution, delivering the best performance at the lowest cost in the industry for BTS, data centre, and fixed-line network applications.

### Key Features:

**100%**  
Depth of Discharge

**>95%**  
Round Trip Efficiency (at cell level)

**500,000**  
Life Cycles (at cell level)

**10**  
Years Warranty\*

**No**  
Degradation\*

**-30°C~ to +70°C**  
Operating Temperature

**No**  
Touch Screen

**Safety**  
SSR

**No thermal**  
Runaway Risk

**Remote**  
Monitoring

**Communication**  
CANBUS (with Encontrol Device)

**Multiple Cycles**  
Per Day Capability

**Connect in**  
Parallel

### Applications:



Telecom Backup



Data Center



DC Exchange



Industrial



Solar+Storage

\*Conditions Apply





**ENCAP MICRO**  
BEYOND BATTERIES **PROMAX**

**8kWh - 48V**

Specially designed for the Telecom sector, Encap Micro storage, with its multiple cycling capability, degradation-free performance, and long cycle life, is the telecom industry's go to storage solution, delivering the best performance at the lowest cost in the industry for BTS, data centre, and fixed-line network applications.

### Key Features:

**100%**  
Depth of Discharge

**>95%**  
Round Trip Efficiency (at cell level)

**500,000**  
Life Cycles (at cell level)

**10**  
Years Warranty\*

**No**  
Degradation\*

**-30°C~ to +70°C**  
Operating Temperature

**No**  
Touch Screen

**Safety**  
FUSE/MCB

**No thermal**  
Runaway Risk

**Remote**  
Monitoring

**Communication**  
CANBUS (with Encontrol Device)

**Multiple Cycles**  
Per Day Capability

**Connect in**  
in series or Parallel

### Applications:



Telecom Backup



Data Center



DC Exchange



Industrial



Solar+Storage

\*Conditions Apply



## ENSEGA BEYOND BATTERIES 12V / 24V Products

Ensega 12V energy storage products replace 12V lead acid batteries in applications such as boating, RV's, campers, automatic gates etc. The Ensega product range delivers magnitudes better performance than Lead Acid batteries with a much longer life, temperature tolerance, consistent capacity and safety.

**Available Configuration:** 60Wh - 12V, 500Wh - 12V, 1.2kWh - 12V / 24V, 2.4kWh - 12V / 24V

### Key Features:

**100%**  
Depth of Discharge

**99.1%**  
Round Trip Efficiency (at cell level)

**500,000**  
Life Cycles (at cell level)

**5**  
Years Warranty\*

**No**  
Degradation\*

**-20°C~ to +55°C**  
Operating Temperature

**Communication**  
CANBUS (with Encontrol Device)

**No thermal**  
Runaway Risk

### Applications (low voltage applications):



Backup



Boating



SLI



Alarm Device



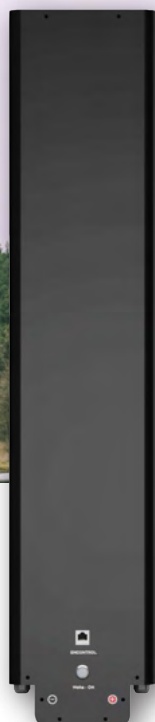
Security Camera



Recreational  
Vehicle

\*Conditions Apply





# ENLIGHT

EN-LIGHTING THE WORLD

## 12V / 24V Products

Worlds first supercapacitor energy storage for street light applications. With no maintenance required and a wide operating temperature range, the Enlight module can be installed inside the street-light pole thereby providing space saving and security to the module.

**Available Configuration: 500Wh - 12V / 24V, 1kWh - 12V / 24V**

### Key Features:

**100%**  
Depth of Discharge

**99.1%**  
Round Trip Efficiency (at cell level)

**500,000**  
Life Cycles (at cell level)

**10**  
Years Warranty\*

**No**  
Degradation\*

**-30°C~ to +70°C**  
Operating Temperature

**CANBUS**  
Communication

**Scalable**  
Voltage & Capacity

**In-built**  
Safeties

### Applications :



Street Lighting

\*Conditions Apply



**ENWALL**  
BEYOND BATTERIES

ENWALL the safest, smartest and most economical residential storage product on the market. It is plug-and-play, AC ready, with simplified connections to your PV panels, Grid and/ or Diesel Generator. No need to spend on “extras”. It is fully programmable and can manage your energy sources to reduce your utility bill.

**Available Configuration:** Single and Three Phase; Storage - 5kWh, 10kWh, 20kWh;  
Inverter - 3kW, 5kW, 10kW

### Key Features:

**100%**  
Depth of Discharge

**99.1%**  
Round Trip Efficiency (at cell level)

**500,000**  
Life Cycles (at cell level)

**10**  
Years Warranty\*

**Zero**  
Degradation\*

**-30°C~ to +70°C**  
Operating Temperature

**Monitor and Control**  
Through Mobile

**Sleek and Compact**  
Design

**OLED**  
Touch Screen

### Applications :



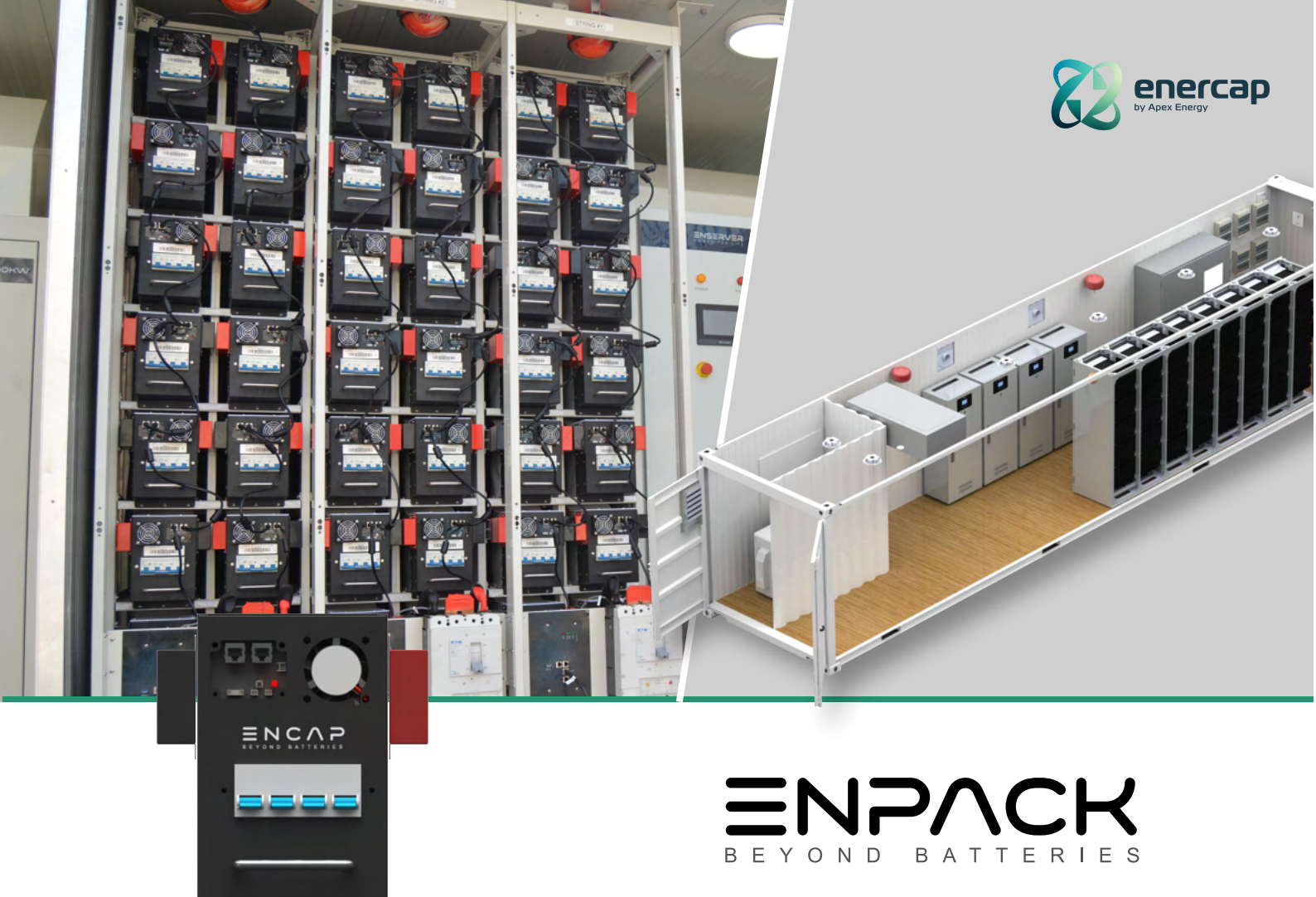
Residential



Commercial

\*Conditions Apply





# ENPACK

BEYOND BATTERIES

ENPACK containerized solutions are designed for large scale storage applications. Enpack systems are integrated and modular with in-built PCS, transformers and switchgear, safeties and storage. Built in IP67 rated enclosures. With no risk of thermal runaway and no cyclical degradation, no thermal management and longer life than Li Ion systems, Enpack solutions deliver the lowest LCOE in the industry.

## Key Features:

**100%**  
Depth of Discharge

**10**  
Years Warranty\*

**No**  
Degradation\*

**99.1%**  
Round Trip Efficiency (at cell level)

**Remote**  
Monitoring

**No Thermal**  
Runaway Risk

**Up to**  
4.2MWH in a 40ft Container

**500,000**  
Life Cycles (at cell level)

**-30°C~ to +70°C**  
Operating Temperature

**Multiple Cycles**  
Per Day Capability

## Applications:

 **Emergency Backup**

 **Industrial**

 **Data Center**

 **Telecom**

\*Conditions Apply



# ENCHARGE

Enercap's ultra super-fast DC Charger. Encharge provides hassle free and cost-efficient charging with modular, upgradeable storage and smart charging features. Encharge helps you optimize cost by storing energy from the grid at off peak hours, upgrade options, multiple EV to charge at the same time. 'Trickle' charge from the grid or any source at any speed.

**Available Configuration: 120kW, 180kW, 360kW**

## Key Features:

**IP64**  
Water Proof

**OLED**  
Touch Screen

**0 - 200Ah**  
Output Current

**200V - 1000V DC**  
Output Voltage

**3 Phase**  
380 + 15%

**Two**  
Charging Nozzle

**4G / Wi-Fi**  
Communication

**Mobile**  
Application

**RFID / Password**  
Start Charging

**-30°C to 60°C**  
Operating temperature

**Auto Short Circuit**  
Protection

**Hybrid Charging**  
Mode Options

**Scalable**  
Reservoir

**Smart Charging**  
Features

**Standalone**  
Separate Dispensers

\*Conditions Apply





## ENRACK

BEYOND BATTERIES

An Enrack system is a structured arrangement designed to securely hold and organize multiple energy storage module (ENCAP or ENSIRIUS) in a specific configuration. It provides a framework or support structure for storing energy storage, typically used in various applications such as power backup systems, renewable energy storage, data center, and industrial settings. Primary purpose of an Enrack system is to ensure safe storage, easy access, and efficient utilization of energy storage while optimizing space and facilitating maintenance and monitoring.

**Available Configuration:** Capacity: 20kWh, 30kWh, 40kWh, 80kWh, 100kWh, 200kWh, +More  
Voltage: 48V, 96V, 192V, 240V, 384V, 2000V, +More

### Key Features:

**100%**  
Depth of Discharge

**99.1%**  
Round Trip Efficiency (at cell level)

**500,000**  
Life Cycles (at cell level)

**10**  
Years Warranty\*

**Fast**  
Charging

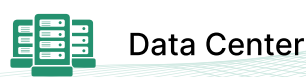
**-30°C~ to +70°C**  
Operating Temperature

**No**  
Degradation\*

**No Thermal**  
Runaway Risk

**Multiple Cycles**  
Per Day Capability

### Applications:



\*Conditions Apply



**Electric Vehicle, Mobility, Drone,  
Robotics and Marine**



Batterix is a graphite-ion based energy capacitor with a solid state dielectric and embedded proprietary electronics which delivers a high energy density, degradation-free, long life, rapid charging, cheaper, recyclable, and safe energy storage solution for electric mobility. Batterix's energy density is ~80% higher than existing Li Ion technology (460Wh/kg versus 250Wh/kg). Batterix performance is not affected by cold or hot weather and can be work in extreme temperature. Batterix has zero thermal runaway and its not affected by impact.

### Key Features:

**High**  
Energy Density

**10,000**  
Cycles

**Fast**  
Charging

**No**  
Degradation\*

**No Thermal**  
Runaway Risk

**Wide**  
Operating Temperature

**100%**  
Depth of Discharge

### Applications:



Electric Vehicles



Drone



E-Boat



E-Bike

\*Conditions Apply





## ENCONTROL

Encontrol is a monitoring and Control device designed to work alongside Encap products such as ENSEGA, ENLIGHT, ENCAP MICRO ECONO, ENCAP MICRO OPTI.

Encontrol Connects to the modules via a 'Enconnect' port and has the option of communicating externally via Wif or Bluetooth. With Encontrol you can monitor down to cell level, state of charge, round trip amongst others and also adjust settings and activate alarms.

### Key Features:

**3.5 Inch**  
LCD Screen Size

**USB**  
Wired Technology

**4MB**  
Flash Memory

**3.3V, 5V**  
Voltage

**LED**  
Touch Screen

**8MB**  
External Ram

**USB-C**  
Connector

**Bluetooth,WIFI**  
Wireless Technology

**-20 to + 85°C**  
Operating Temperature

### Applications:




Monitoring and control for Enlight, Encap Micro (Econo, Opti), & Ensega

\*Conditions Apply



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