Electrification made easy

ZQUIP

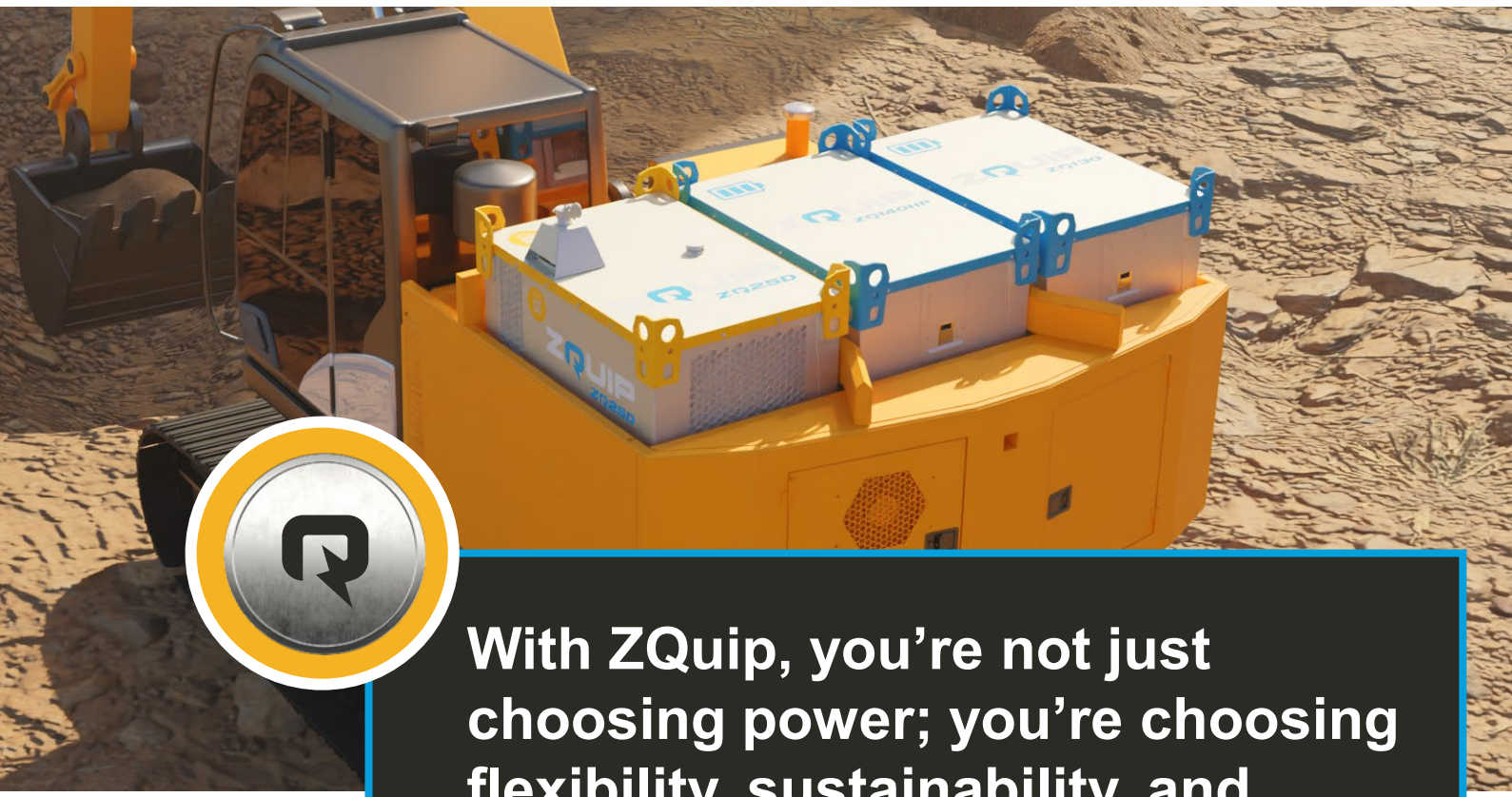
ZQuip's Mission

To be the global standard
for integrating and managing
zero-emission energy solutions
for off-highway applications

zquip.tech

An adaptable modular and connected electrified solution for construction equipment

Electrification made easy



With ZQuip, you're not just choosing power; you're choosing flexibility, sustainability, and future-ready technology.

ZQuip's modular energy system

transforms the way construction equipment operates by providing seamless compatibility with multiple energy sources—diesel, hydrogen, electric, and beyond—all within a standardized platform.

ZQuip's Unique Adaptable Power Exchange System

ZQuip's modular energy system is a revolutionary solution that enables seamless compatibility with various energy sources, including multiple battery solutions, diesel, hydrogen, and beyond, all within a standardized platform.

Designed to adapt to evolving energy technologies, it empowers businesses to transition between energy modules effortlessly, reducing risks and maximizing return on investment. This flexible, future-proof approach ensures optimal performance and sustainability, tailored to meet the unique needs of every jobsite.

Maximize your asset utilization with ZQuip

Fast Charging Modules:

Each battery module can be charged to 85%+ in under one hour, fully charged overnight or transfer energy through machine to machine sharing.

Interchangeable Energy Modules:

Interchange energy modules from energy hub or across any “ZQuipped” machines to achieve the highest uptime and efficiency.

Real-Time Energy Management Software:

Gain visibility into your energy needs with real-time telematics, tracking charge status and location of each module.

Predictive Maintenance:

Identify maintenance needs in advance to minimize disruptions.

Tech Specs

- Model: ZQ140
- Voltage: 700Vdc
- Capacity: 140 kWh
- Dimensions: 1.2m x 0.8m x 1.1m

Battery Module ZQ140HP

Features

- Liquid cooled
- Internal module independent Smart Controller System:
    - Reports battery status and health for seamless communication between all major components
    - GPS location mapping
- Temperature management system for optimum performance
- High voltage safety circuits
- Lock out and tag out compliant

Tech Specs

- Model: ZQ130
- Voltage: 700Vdc
- Capacity: 130 kWh
- Dimensions: 1.2m x 0.8m x 1.1m

Battery Module ZQ130

Features

- Internal module independent Smart Controller System:
    - Reports battery status and health for seamless communication between all major components
    - GPS location mapping
- High voltage safety circuits
- Lock out and tag out compliant
- Integrated heaters for optimal cold-weather performance

Tech Specs

- Model: ZQ25D
- Voltage: 700Vdc
- Max Power: 25 kW
- Fuel Capacity: 48 Liters (6hrs at 25kW)
- Dimensions: 1.2m x 0.8m x 1.3m

Diesel Generator Module ZQ25D

Features

- The ZQUIP diesel power module acts as a range extender, keeping battery power modules charged to maximize uptime, effectively creating a hybrid machine.
- Internal module independent Smart Controller System:
- Compatible with standard ZQuip module docking system (mechanical, electrical & thermal)
- GPS location mapping
- Local Display and Engine E-Stop button
- High voltage safety circuits
- Lock out and tag out compliant

Start to convert your construction vehicles today! ZQuip will help you along the entire electrification journey.

1- **System Engineering and Development**
2- **System integration**
3- **System testing**
4- **Training and commissioning of machine**
5- **Support services and warranty**

Tech Specs

- Physical parameters:
  44in X 30in X 13in, 440lbs
- Charge parameters:
  Max continuous power: 120kW
  Maximum

DC-DC Accessory Kit ZQDC

Used to fast-Charge any Battery Operated Asset or EV

Features

- Nests on top of modules
- Top lift points
- Ruggedized for all weather and off-highway conditions

Tech Specs

- Physical parameters:
  44in X 30in X 9in, 400lbs
- AC charge input parameters:
  Max charge power: 15kW
- AC power export parameters:
  Single phase outlets at 50 or 60Hz
  14kW max output

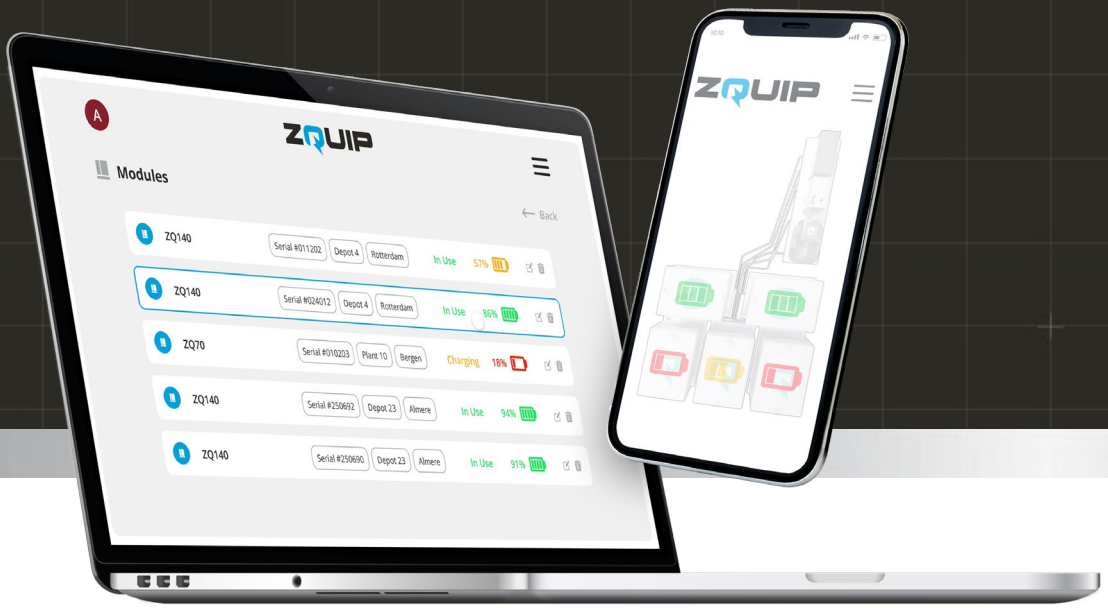
DC-AC Accessory Kit ZQAC

Used to Power Electric Equipment and Devices like lights, power tools and compressors.

Features

- Nests on top of modules
- Top lift points
- Ruggedized for all weather and off-highway conditions

Energy Management App



Gain insights into your electric vehicles' performance, ensuring optimal efficiency at every turn.

Real-time Monitoring

Location Tracking

Predictive Maintenance

Optimization and Efficiency

Interchangeability Management

The value of Standardizing on ZQuip

Cost Savings:
Implementing a unified ZQuip system can reduce capital expenditures (CapEx) and operational expenditures (OpEx) by increasing asset utilization and improving machine run time.

Flexibility:
ZQuip's flexibility allows for seamless integration with different energy solutions and reduces dependency on a single energy source.

Choice:
ZQuip provides operators with more options for energy use, allowing them to choose the most suitable and sustainable energy sources for their needs.

Improved Decision-Making:
With all relevant data in one place, ZQuip'ed decision-makers can gain comprehensive insights and make more informed choices.

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