

# NEOSUN™ PowerHub

NEOSUN™ PowerHub is your ideal turnkey solution to quickly produce cheap energy in remote off-grid areas

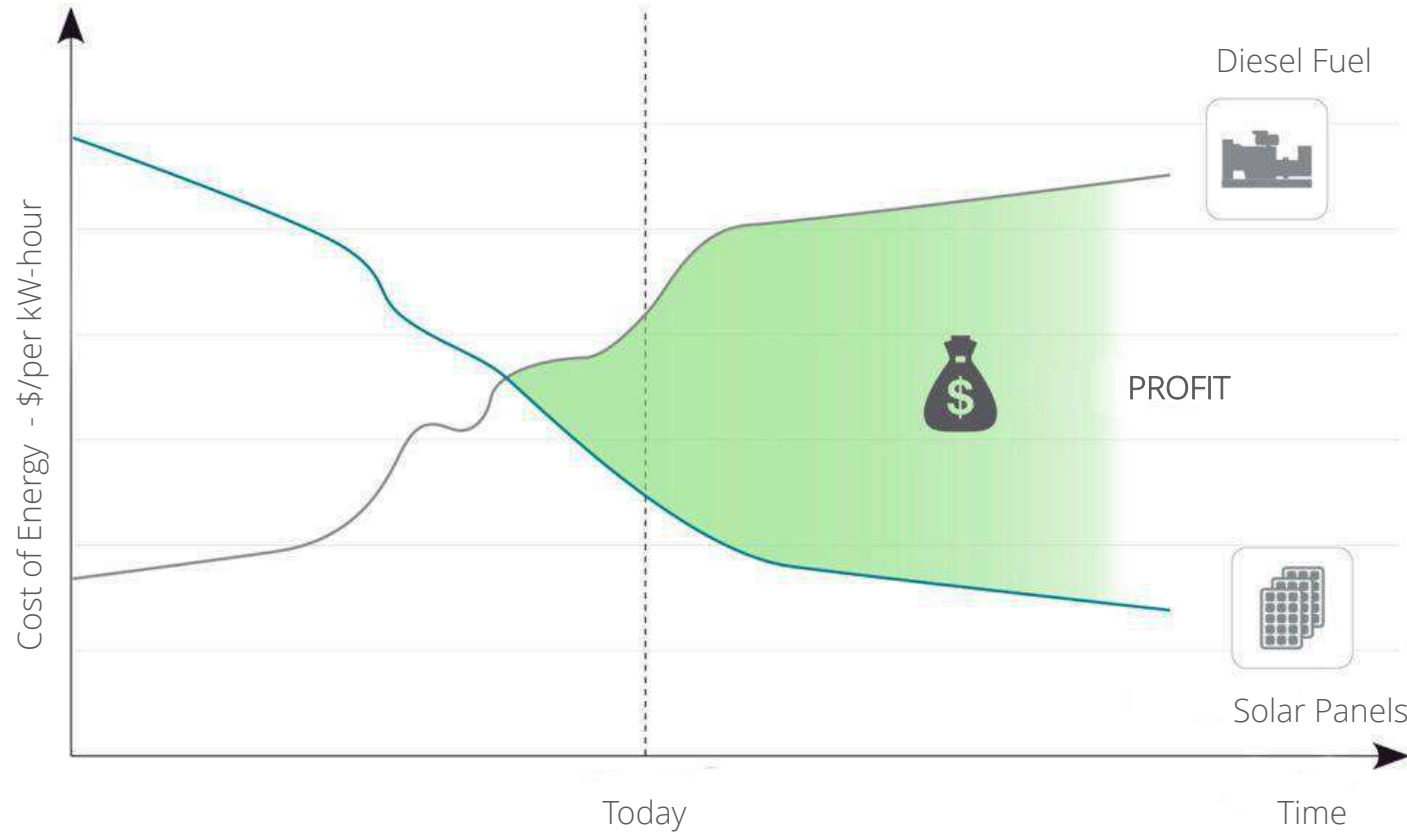
It is easily portable, highly affordable and has dozens of various application scenarios

## Features:

- Power output - 10 kW or 50 kW
- Daily energy production - 90 or 150 kWh
- Battery storage capacity - 10 kW - 100 kWh (Li-ion, >8000 cycles)
- Assembly time - 2 to 4 hours
- Easily scales for larger installations
- Genset backup (optional)
- Plug & Play design



# NEOSUN™ PowerHub vs. Diesel Generator



Neosun PowerHub optimizes your costs, saves your money and provides an efficient durable solution for stable energy generation

Save up to  
**80%**

# NEOSUN™ PowerHub Easy Installation



Top View



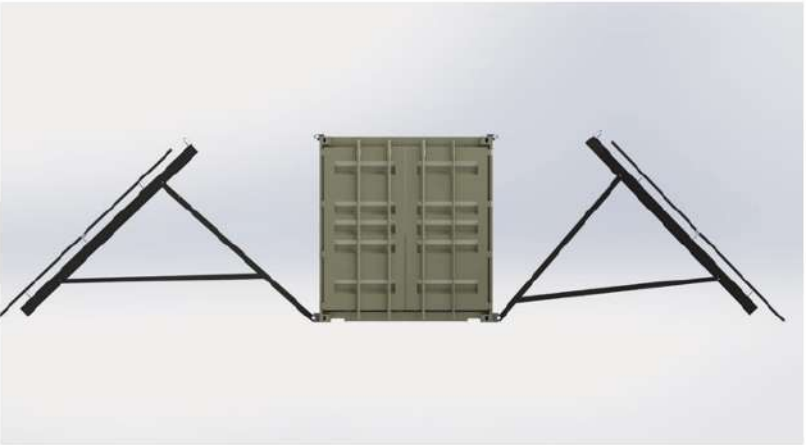
Top view - fully disassembled



End View



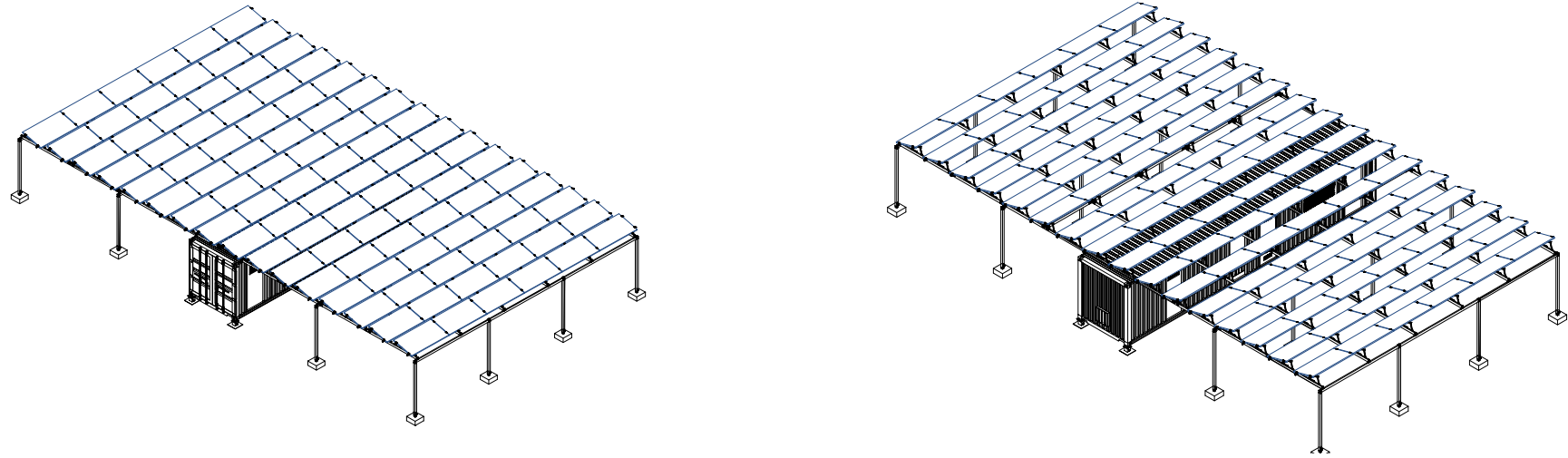
End view - stowed



# NEOSUN™ PowerHub in Detail

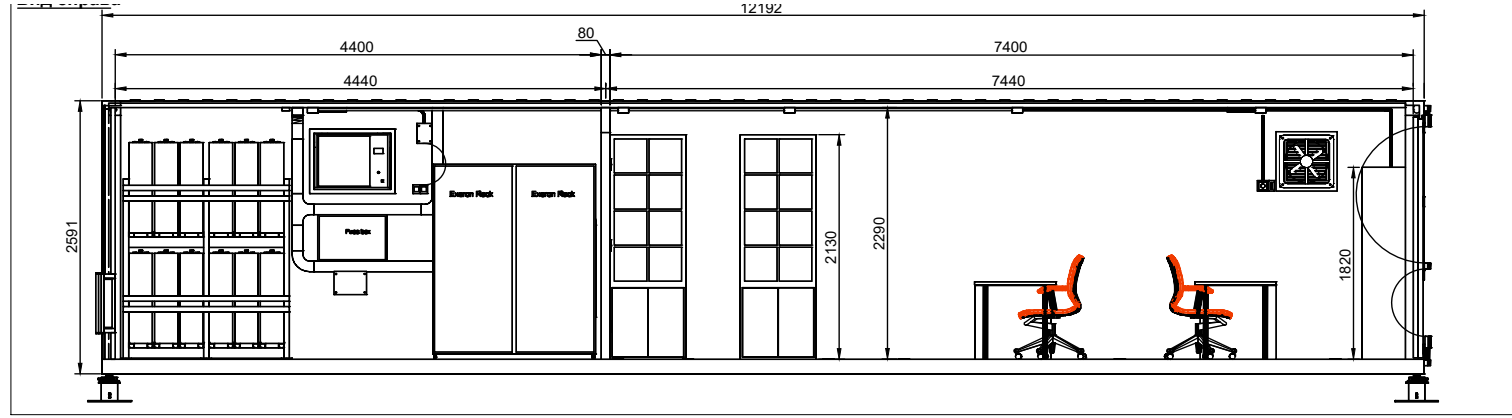


Outside



Inside

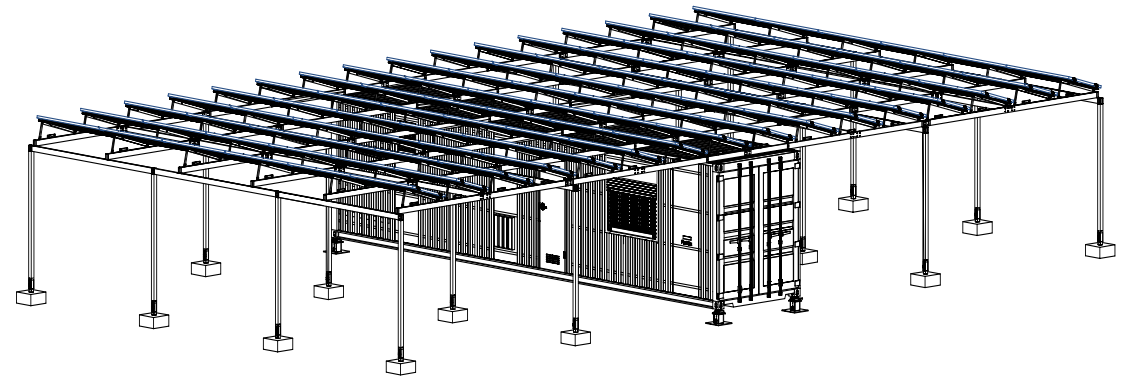
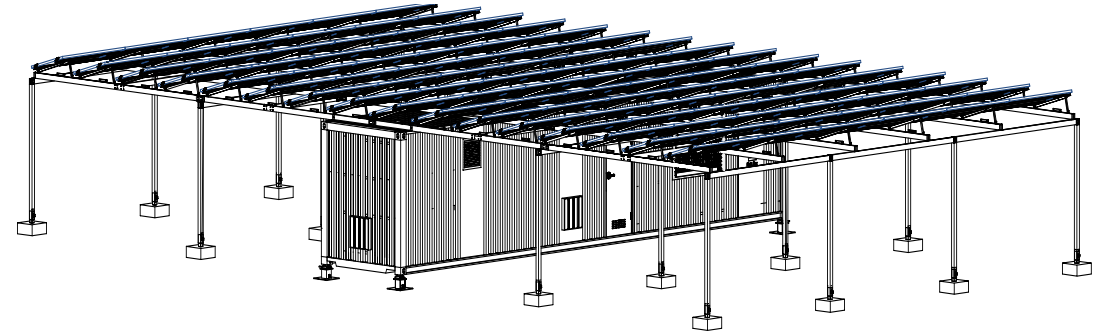
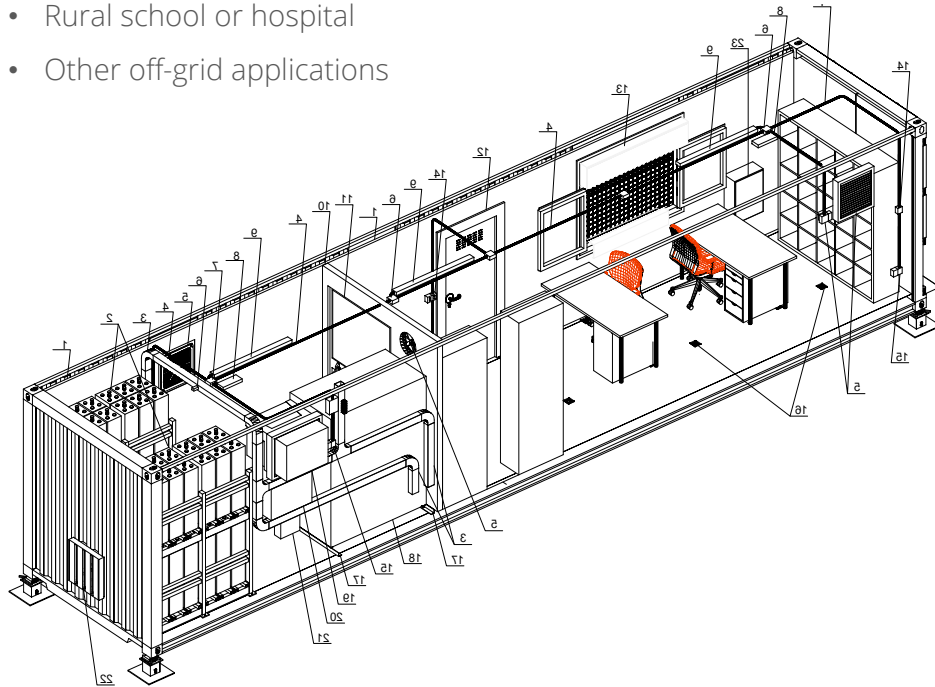
Adjustable to your needs



# NEOSUN™ PowerHub Functionality

## Applications:

- Mining & Industrial facilities
- Road construction
- Rural grocery shop
- Post Office
- Bank branch
- Rural school or hospital
- Other off-grid applications



# Why is NEOSUN™ PowerHub your ideal solution?



## **Reliable**

PowerHub includes **best-in-class** components

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## **Mobile**

PowerHub can be assembled within **2** hours

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## **Scalable**

PowerHub is highly modular and scalable

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## **Maintenance-free**

PowerHub operates continuously **without a fuel** re-supply and requires minimal maintenance

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## **Autonomous**

Once assembled, PowerHub operates independently, so on-site personnel can focus on the mission

## Mining & Industrial facilities

Today more and more frequently mining companies around the world suffer from lack of direct access to stable and affordable energy. Mining activities - more than any other - are inseparably connected with operating in remote areas with no transmission lines in the vicinity. Extending one might be drastically costly, whereas other options like using diesel generators are outdated and require far too many resources

Luckily, Neosun PowerHub can remove all these concerns from the agenda. Easily portable and scalable, it can be quickly delivered to virtually any part of the world and provide cheap electricity, a reliable backup energy source, spectacular functionality and massive savings for years to come



# NEOSUN™ PowerHub Solutions



## Grocery store

PowerHub is an ideal solution for opening a grocery store in a remote area with no access to electricity. People in such places normally suffer immensely from their lack of access to fresh and quickly delivered food products

## Kindergarten

Kids all around the world possess the sacred right to happy childhood, but are far too often deprived of it due to various reasons and circumstances. One of the possible practical applications of PowerHub is to use it as a kindergarten building





# NEOSUN™ PowerHub Solutions



## Hospital

Although African or Latin American nations have recently achieved admirable progress in fighting various diseases and increasing their life expectancy rates, the issue has not been entirely solved yet. Easily delivered and quickly installed, PowerHub is capable of delivering tangible results and literally saving lives

## Post office

PowerHub is the solution for storing, saving and properly distributing all these countless manifestations of human dialogue, compassion and unity



# About Neosun



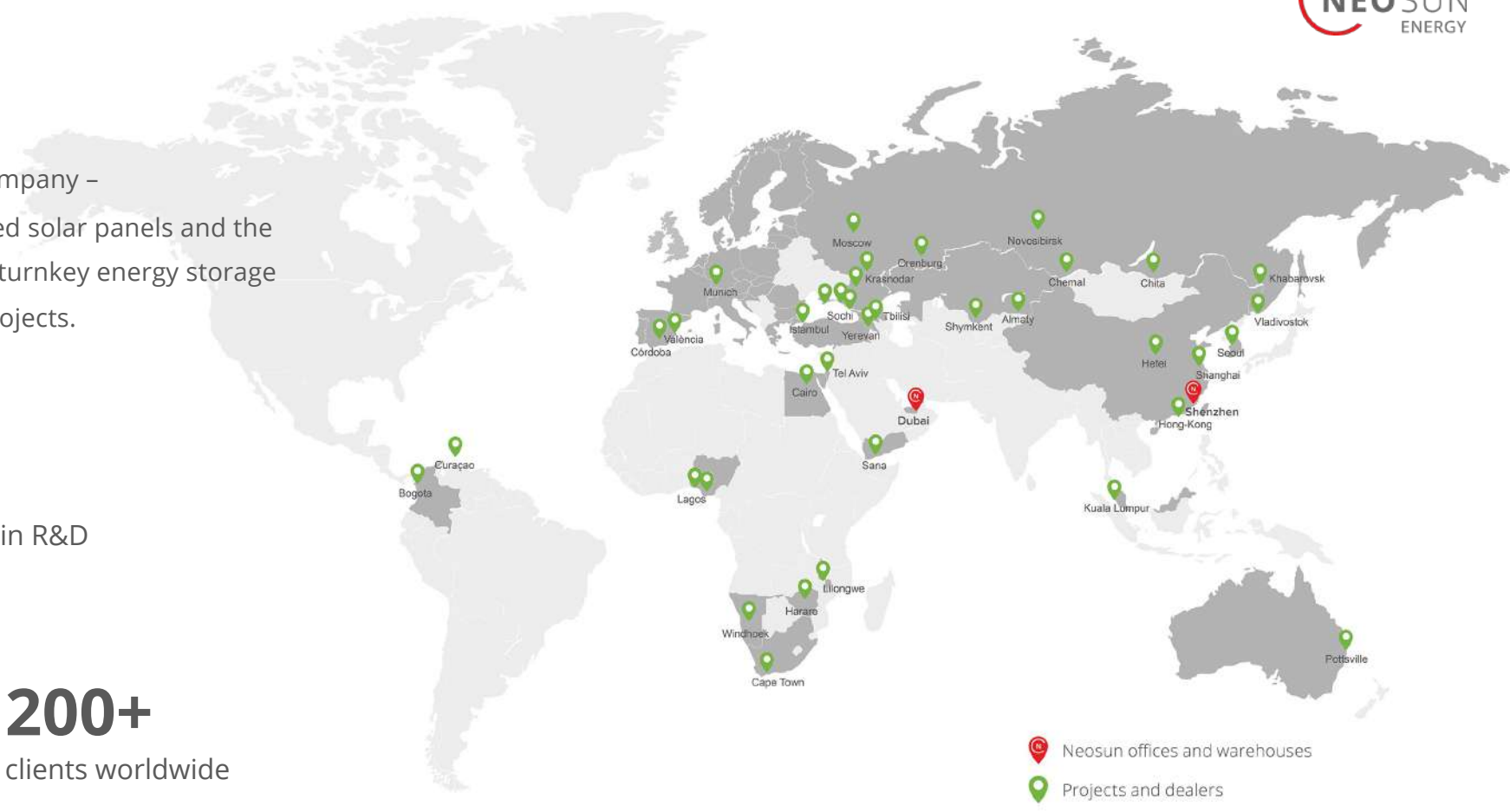
Neosun Energy is an international high-tech company - Solar project EPC and manufacturer of advanced solar panels and the new generation lithium-ion batteries including turnkey energy storage solutions (ESS) for industrial and residential projects.

**2015**  
year of foundation

**20%**  
employees in R&D

**16 countries**  
sales geography

**200+**  
clients worldwide



Neosun offices and warehouses  
 Projects and dealers

Our current projects  
Geography

Our customers:



# Neosun main activities

## 1. Production of Solar Modules and Li-Ion Batteries

Neosun Energy designs and manufactures of high-performance solar modules. We use the world's most advanced technologies to achieve the highest efficiency which reduce the payback period.

## 2. Engineering of Solar Power Plants and ESS

Neosun designs solar power plants of any capacity and efficiently integrates them into existing infrastructure. Our world-class experts implement the most innovative and cost-effective solutions.

## 3. Construction of Solar Power Plants

We construct solar power plants on a turn-key basis. We guarantee a high level of performance at all construction stages. All on-site processes including obtaining permits, site preparation, construction, interconnection and commissioning are managed by our experienced team.

### Worldwide Certificates:

