

Power a better life

Pytes Product Case

48100R



R Bracket



F&B Bracket



R-Box



Forest-RB



R-Box-NEMA3



48100R



+ R Bracket



Home Project Solution

Capacity: 20kWh

Inverter: victron



Farm Project Solution

Capacity: 30kWh

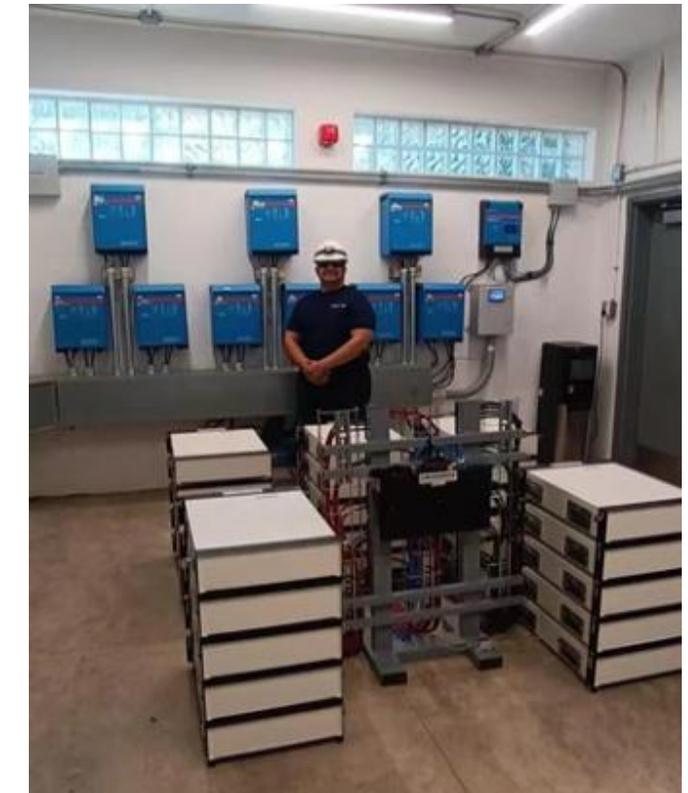
Inverter: victron



Small C&I Project Solution

Capacity: 150kWh

Inverter: victron



Home Project Solution

Capacity: 20kWh

Inverter: victron



Home Project Solution

Capacity: 60kWh

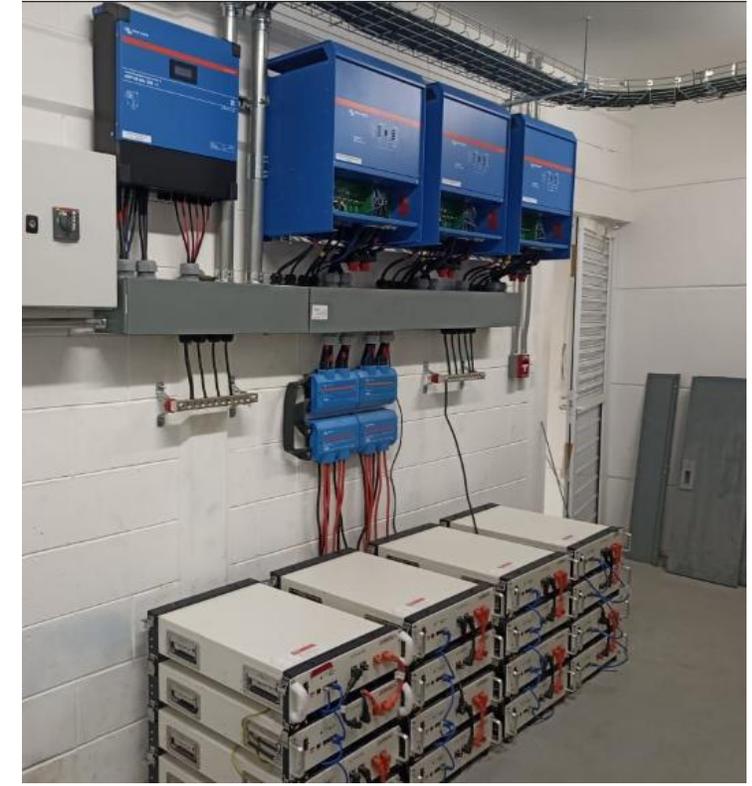
Inverter: victron



Small C&I Project Solution

Capacity: 80kWh

Inverter: victron



Small C&I Project Solution

Capacity: 100kWh

Inverter: victron



Holiday Hotel Project Solution

Capacity: 280kWh





OffGrid Ranching
Capacity: 160kWh
Inverter: Sol-Ark



In the vast expanse of Arizona lies a remote off-grid ranching system that required a robust power solution. Tasked with powering a main residence, along with five auxiliary buildings, including heavy-duty water pumps, HVAC systems, and an above-ground swimming pool, the daily energy demand at this site fluctuates around 160 kWh.

Enter the installation of 32 Pytes 48100R batteries and 4 Sol-Ark 15K inverters by New Grid, forming a comprehensive energy system. With 40kW of solar panels, 160kWh of storage, and 48kW inverters, this setup harnesses the abundant Arizona sunlight, generating 160kWh of energy daily. The result? Complete energy independence, shielding the ranch from blackout risks and ensuring uninterrupted operation.



Off-grid Desert
Capacity: 80kWh
Inverter: Sol-Ark

This is an off-grid energy storage project by a New Grid installer affiliated with Pytes' distributor. The unique desert climate provides ample sunlight, resulting in high conversion efficiency.



48100R



+ F&B Bracket





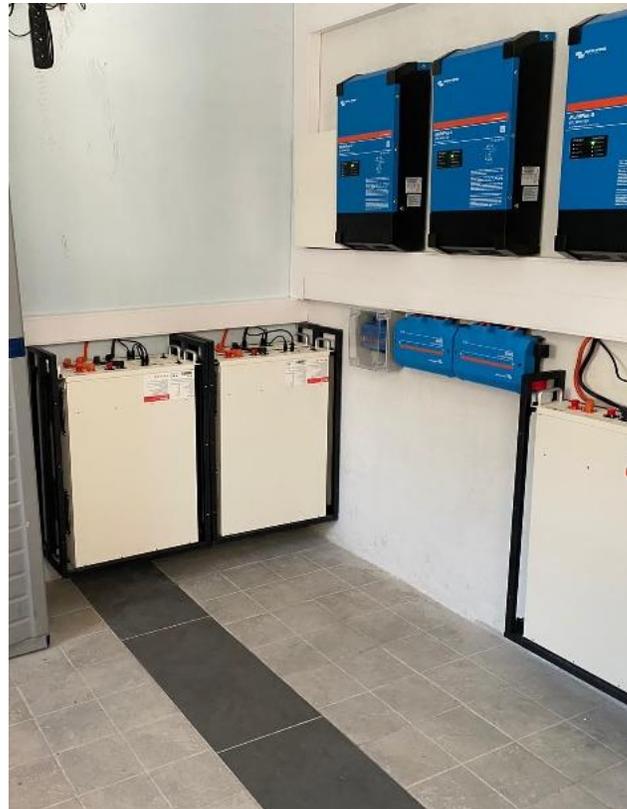
Home Project Solution

Capacity: 20kWh
Inverter: victron



Home Project Solution

Capacity: 25kWh
Inverter: victron



Home Project Solution

Capacity: 30kWh
Inverter: victron





Home Project Solution

Capacity: 20kWh

Inverter: victron



Farm Project Solution

Capacity: 40kWh

Inverter: Deye



48100R



+ R-Box



>>> Product Case - R-Box



Home Project Solution

Capacity: 10kWh

Inverter: victron



Home Project Solution

Capacity: 20kWh

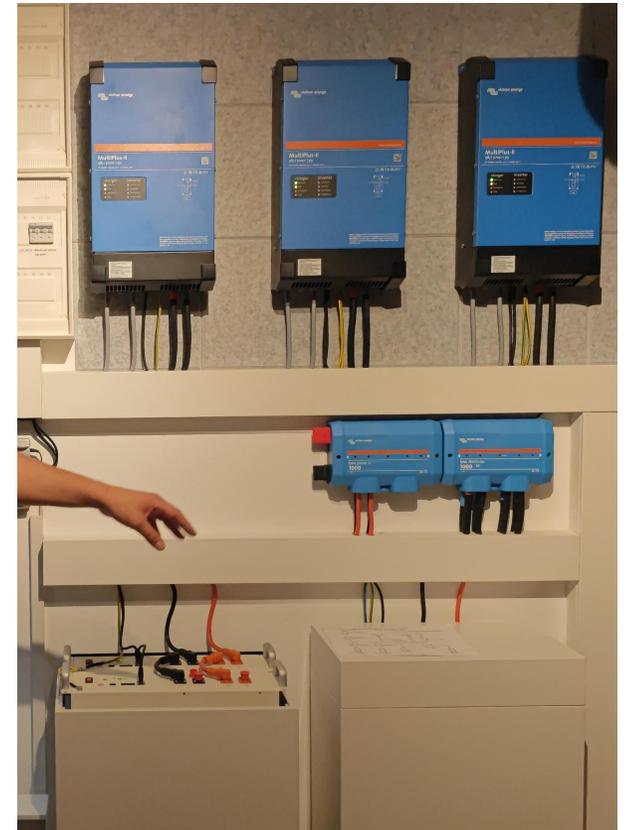
Inverter: victron



Home Project Solution

Capacity: 20kWh

Inverter: victron



>>> Product Case - R-Box



Home Project Solution

Capacity: 30kWh
Inverter: victron



Home Project Solution

Capacity: 20kWh
Inverter: hoymiles



Home Project Solution

Capacity: 10kWh
Inverter: Deye





RV Project Solution

Capacity: 10kWh

Inverter: victron





Apartment Project Solution

Inverter: Afore



Provide each resident in the apartment with an independent energy storage system



48100R



+ Forest-RB





Home Project Solution

Capacity: 20kWh

Inverter: victron



Farm Project Solution

Capacity: 20kWh

Inverter: Sol-Ark



Home Project Solution

Capacity: 20kWh

Inverter: Schneider





Home Project Solution

Capacity: 20kWh

Inverter: victron



In a municipal park in Germany, diesel generators have been abandoned in favor of photovoltaic energy storage systems, which are quieter and more environmentally friendly. This is a successful case of garden installation, which truly achieves green and zero carbon tranquil gardens and can be called truly green gardens.



Home off-grid Project Solution

Capacity: 15kWh

Inverter: phocos



This project, sourced from installations by our Arizona-based distributor, represents a purely off-grid setup for a household. With 6 units of 48100R batteries and a 15kW inverter from Phocos, it generates 25kWh of electricity, meeting the daily needs of a typical household.



Small C&I Project Solution

Capacity: 80kWh
Inverter: Luxpower



In an independent office building in the United States, electricity is generated through rooftop photovoltaic panels to provide power freely for the office building itself and for the electric vehicle charging stations in the parking lot.

48100R



+ R-Box-NEMA3/IP64





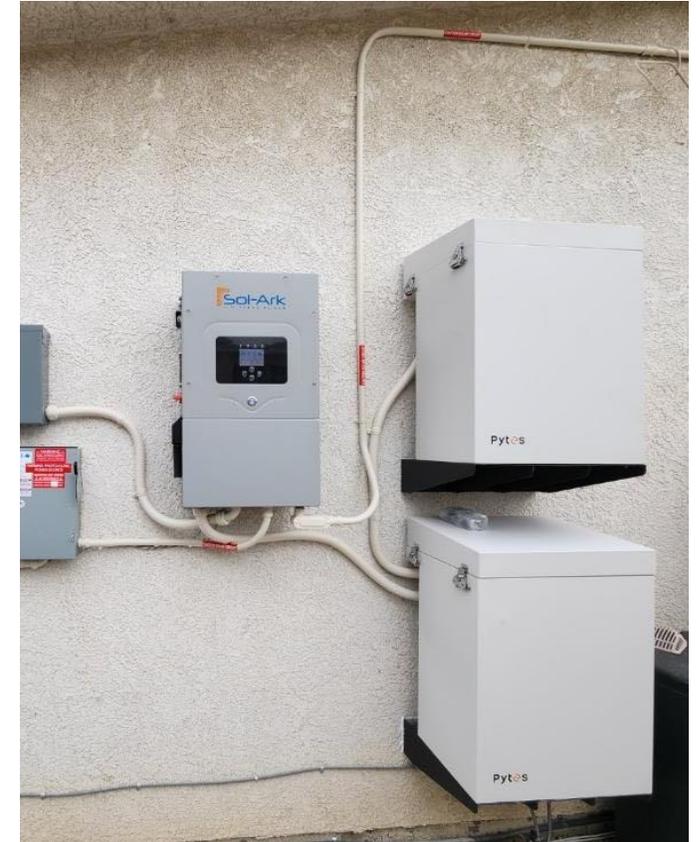
Home Project Solution

Capacity: 10kWh
Inverter: Sol-Ark



Home Project Solution

Capacity: 20kWh
Inverter: Sol-Ark



Home Project Solution

Capacity: 20kWh
Inverter: Sol-Ark



Home Project Solution

Capacity: 10kWh

Inverter: Sol-Ark

This project is located under the eaves of a residential exterior wall in California. Despite being sheltered by the eaves, IP64 waterproof cabinets are used to provide dual assurance for battery safety.

48100R



+

Customer
Made Bracket & Cabinet

Home Project Solution

Capacity: 40kWh

Inverter: victron



Small C&I Project Solution

Capacity: 80kWh

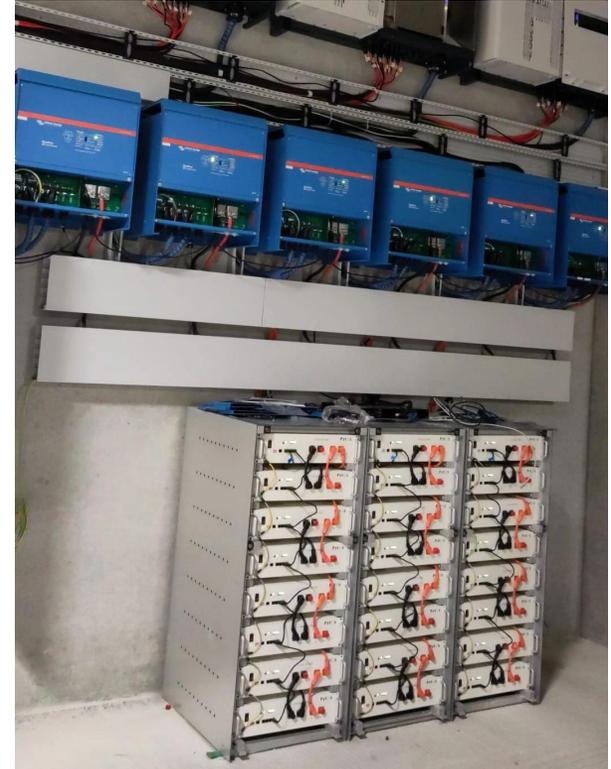
Inverter: victron



Small C&I Project Solution

Capacity: 120kWh

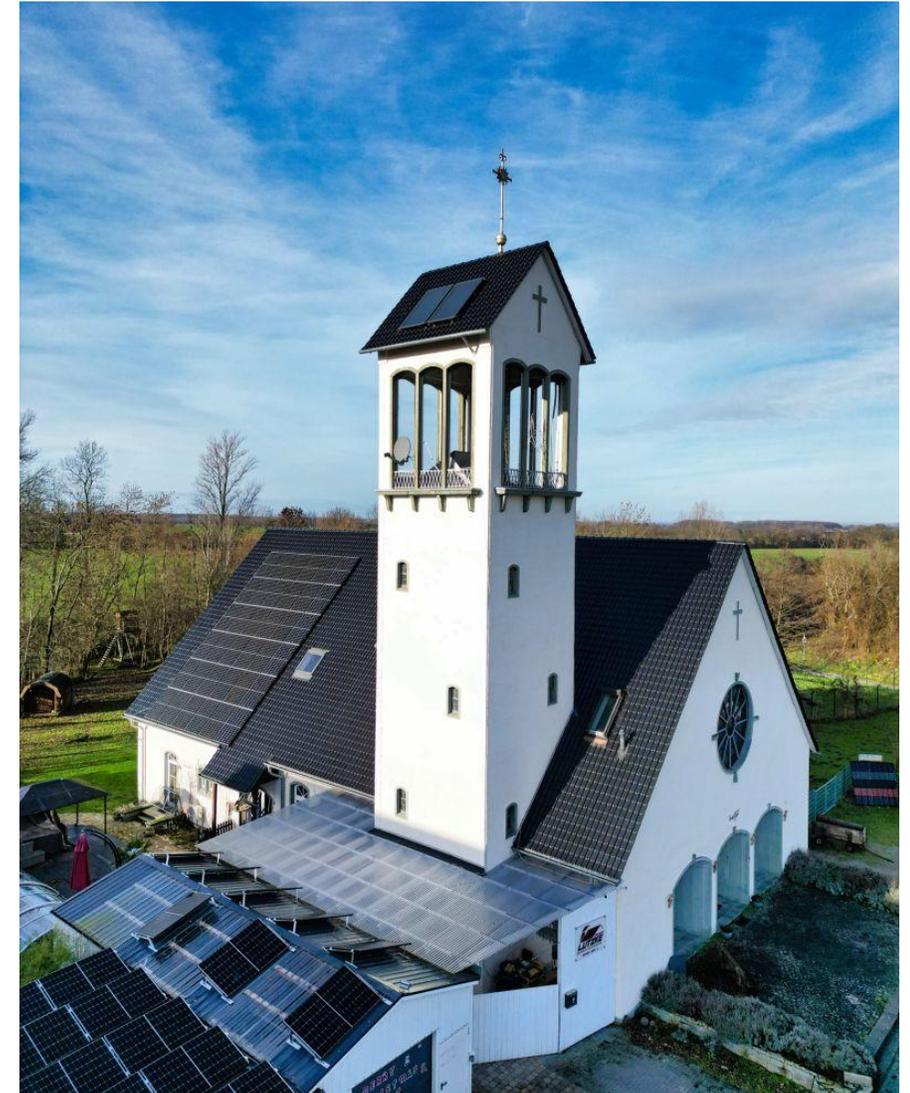
Inverter: victron

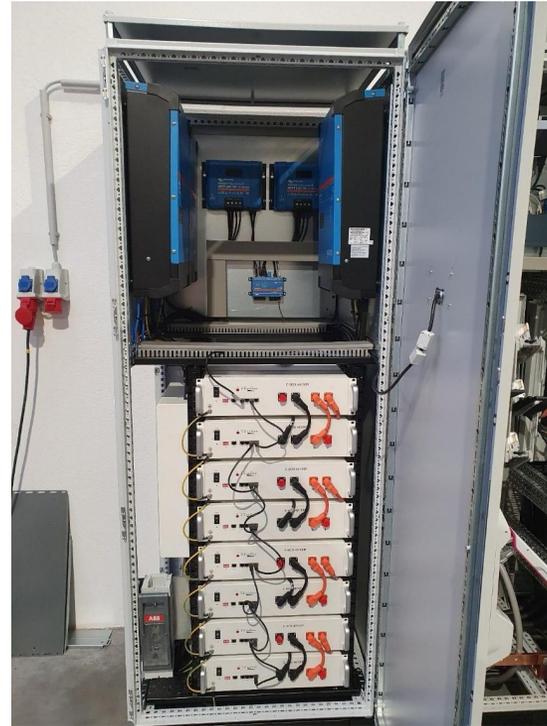


Church Project Solution

Capacity: 30kWh
Inverter: victron

Check out this unique installation shared by one of our German clients! A solar system on a 🏛️ church might seem ordinary, but it's truly extraordinary. With a three-phase system in place, this church achieves complete energy self-sufficiency. 🌳 Amidst the hustle and bustle outside, it maintains a serene, uninterrupted power supply, embodying stability and tranquility.





Company
Project Solution
Capacity: 40kWh
Inverter: victron



Excited to see how Pytes 40kWh energy storage project is making a difference for Feuerschutz Bayer! With expert installation and seamless integration by PVS Energy GmbH, power supply is uninterrupted for the office and electric vehicles alike. A truly eco-friendly and outstanding energy storage solution.

Company Project Solution

Capacity: 80kWh

Inverter: victron



Pytes' innovative solutions!

The system includes

16 #Pytes E-BOX 48100R #batteries,

6 Victron Energy MultiPlus-II 5kVA #inverters,

and 20kWp solar panels, delivering exceptional

performance in energy management! 🏠 ⚡





<https://youtu.be/xzjC2V7eOGM>

Location:
Munich, Germany

Feature:
Pytes 150kWh Home
Battery Project:
Powering 3 Houses
and 4 Charging
Stations with 30
Batteries

Detail
Capacity: 150kWh
Inverter: Victron





https://youtu.be/i3GWnd_pDWc

Location:
Duisburg, Germany

Feature:
32 Energy Storage
Batteries Powering 13
Merchants in the
Industrial Park

Detail
Capacity: 160kWh
Inverter: Victron





<https://youtu.be/u328EV2JD2M>

Location:
Munich, Germany

Feature:
Over the past two years, this system has achieved an impressive 80% reduction in energy costs.

Detail
Capacity: 20kWh
Inverter: Victron





<https://youtu.be/Z0rkDjOAsn4>

Location:
Munich, Germany

Feature:
Providing electricity
for cooling milk on a
farm with 200 cows

Detail
Power: 5kW*3
Capacity: 30kWh
Inverter: Victron



V5°α



V5°



V-Bracket



V-BOX-OC



V-BOX-IC



V-Box-NEMA3



V5



+ V-Bracket





Home Project Solution

Capacity: 20kWh

Inverter: victron



Farm Project Solution

Capacity: 20kWh

Inverter: Luxpower



Small C&I Project Solution

Capacity: 50kWh

Inverter: Sol-Ark





RV Project Solution

Capacity: 25kWh

Inverter: victron



This is an energy storage system installed on the RV. The solar panels on the RV roof generate electricity, providing power for cooking and washing for the entire vehicle.



**Replacing lead-acid batteries
Project Solution**

Capacity: 40kWh
Inverter: Schneider



This is a case of replacing lead-acid batteries. The customer had been using lead-acid batteries, which were heavy and deteriorating over time, leading to significantly reduced performance. The customer approached us to replace them with V5 batteries. The original battery capacity was 60kWh, and we replaced it with 8 V5 batteries, providing 40kWh of power.

V5



+ V-BOX-IC





Home Project Solution

Capacity: 5kWh

Inverter: hoymiles



V5



+ V-BOX-OC





Home Project Solution

Capacity: 40kWh

Inverter: victron



Home Project Solution

Capacity: 20kWh

Inverter: victron



Home Project Solution

Capacity: 20kWh

Inverter: Sol-Ark





Construction Site Project Solution

Capacity: 20kWh

Inverter:



Home Project Solution

Capacity: 80kWh

Inverter: Sol-Ark



V5



+

Customer
Made Bracket & Cabinet

>>> Product Case - Customer Made Bracket & Cabinet

Home Project Solution

Capacity: 20kWh

Inverter: victron



Home Project Solution

Capacity: 20kWh

Inverter: victron



Home Project Solution

Capacity: 20kWh

Inverter: victron



Home Project Solution

Capacity: 30kWh

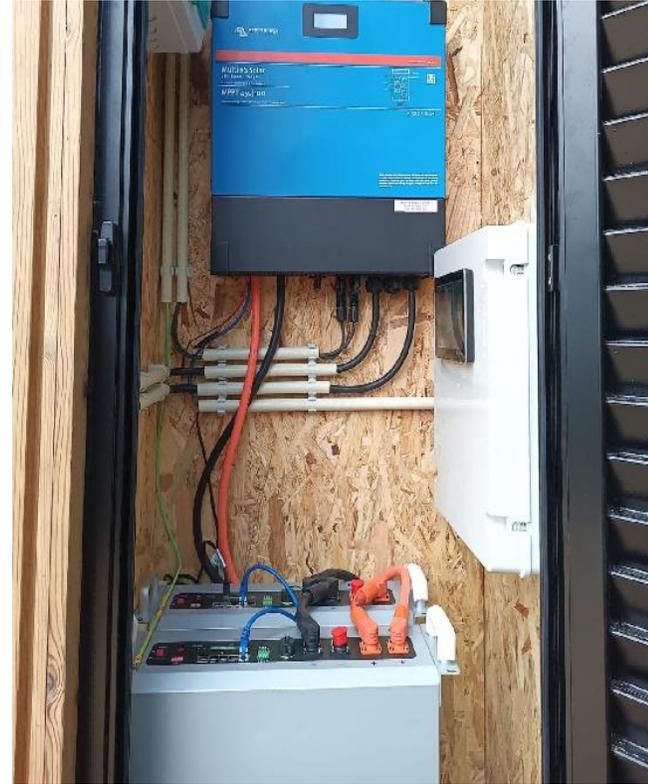
Inverter: victron



RV Project Solution

Capacity: 10kWh

Inverter: victron



Home Project Solution

Capacity: 5kWh
Inverter: Sol-Ark



Home Project Solution

Capacity: 15kWh
Inverter: Sol-Ark



Home Project Solution

Capacity: 30kWh
Inverter: Sol-Ark





**Forklift Batteries Upgrade
Project Solution**

Capacity: 10kWh

Inverter: victron



>>> Product Case – Customer Made Bracket & Cabinet

Small C&I Project Solution

Capacity: 60kWh

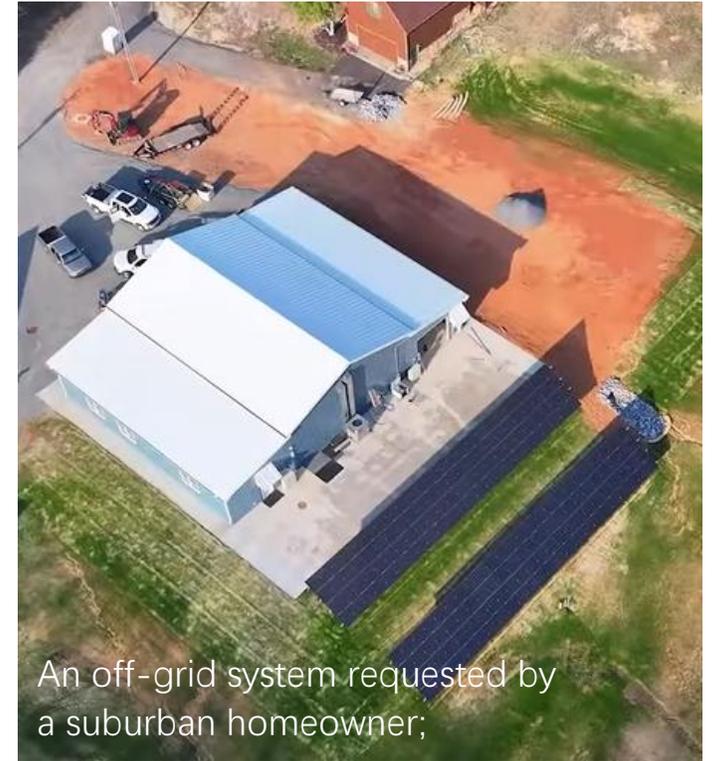
Inverter: victron



Small C&I Project Solution

Capacity: 215kWh

Inverter: Sol-Ark



An off-grid system requested by a suburban homeowner;

HV 48100



Small C&I Project Solution

Capacity: 40kWh

Inverter: Afore



Small C&I Project Solution

Capacity: 40kWh

Inverter: Deye



Small C&I Project Solution

Capacity: 40kWh

Inverter: Solis



Pytes

Thank you !