



# POWER YOUR BUSINESS

WITH THE  
FIRST BATTERY  
RANGE OF  
**BUSINESS &  
HOME SOLAR  
SOLUTIONS**



# First in Solar, Standby & Backup Power Solutions for Home & Business?

First Battery has been a global leader in the manufacturing and supply of stored energy solutions for mining, agriculture, logistics, the automotive industry and more for over 93 years. Today our solar and backup power solutions keep homes and businesses going with solar panels, inverters and batteries which set the highest standards for reliability, durability and power output.

The First Battery range of batteries are designed for the varying needs of solar installations and applications. Whether your system is grid-tied or completely off-grid, our batteries can generate the backup power you need.

## LITHIUM-ION BATTERIES FOR SOLAR

Introducing our state-of-the-art lithium-Ion batteries, designed specifically for solar applications! These advanced batteries offer unparalleled efficiency and longevity, ensuring maximum energy storage and reliable power supply for your solar systems.

With rapid charging capabilities and a lightweight design, our lithium-Ion batteries are perfect for both residential and commercial installations. Enjoy peace of mind with our robust safety features and extended lifespan, making them a smart, sustainable choice for harnessing solar energy.



## INVERTERS

First Battery inverters are engineered for superior performance and reliability, our inverters ensure seamless conversion of solar power into usable electricity with maximum efficiency and safety.

With advanced features like real-time monitoring, robust safety protocols, and easy installation, First Battery inverters are designed to meet the highest standards of quality and durability. Ideal for both residential and commercial applications, our inverters provide consistent, stable power to meet all your energy needs.



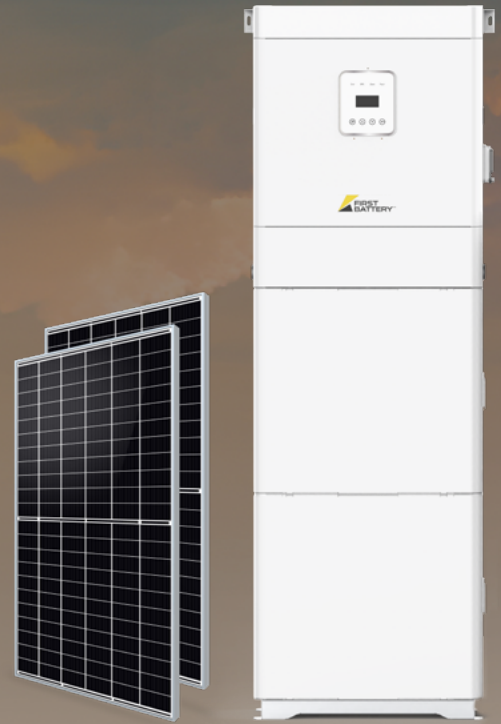


# ALL IN ONE UNITS

The FB-Creek 2 is a comprehensive energy system that pairs a 6kW inverter with a 10kWh battery, designed for efficient and reliable power supply, suitable for various applications including residential and small commercial use.

# SOLAR PANELS

The more efficient the solar panel the more power you get. Our PV panels deliver consistent energy even in low light conditions.



# TROLLY INVERTERS

These inverters are the simplest solution for plug and play backup power and convenience. They are portable with a range of plugs points ready for connection to a multitude of appliances and applications.



# POWER SYSTEMS

Introducing the First Battery range of advanced "All-in-one" energy storage systems. Each unit is designed to meet a variety of energy needs with unparalleled efficiency and reliability for both grid-tied and off-grid systems.



# LITHIUM-ION BATTERIES

## FB-1280S PRO

Lithium-Ion cells A+ premium quality prismatic cells  
2560Wh total energy (12.8V, 100ah) Capacity  
Battery management system  
Lead acid replacement  
5 year warranty or 3500 cycles



## FB-2560S PRO

Lithium-Ion cells A+ premium quality prismatic cells  
2560Wh total energy (25.6V, 100ah) Capacity  
Battery management system  
Lead acid replacement  
5 year warranty or 3500 cycles



## FB-2560SP PRO

Lithium-Ion cells A+ premium quality prismatic cells  
2560Wh total energy (12.8V, 200ah) Capacity  
Battery management system  
Lead acid replacement  
5 year warranty or 3500 cycles



## FB-5100S

Lithium-Ion cells A+ premium quality prismatic cells  
5120W total energy (51.2V, 100ah) Capacity  
Using a relay for overcharge protection  
Residential, commercial, and industrial application  
Compatible with most inverter brands  
10 year warranty or 5000 cycles





# INVERTERS

## FB6KL1

Hybrid 6kW Inverter  
Single Phase  
2MPPT,  
Battery Voltage 48V  
IP65



## FB8KL1

Hybrid 8kW Inverter  
Single Phase  
4MPPT,  
Battery Voltage 48V  
IP65



# ALL IN ONE UNITS

## FB-CREEK 2

Hybrid Inverter, 6KW

Battery Quantity: 2PCS of CFESS5100S

Lithium-Ion Batteries (10KWH)

Total Energy: 1020Wh

Battery Voltage : 48Ah

Ip55



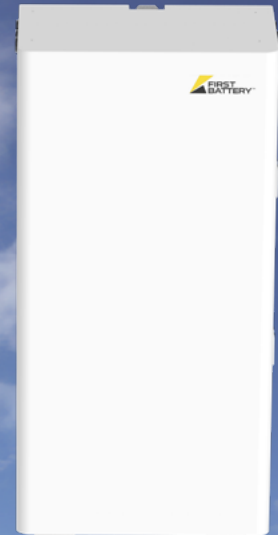
## FB-CUBE 1

Accommodates 2PCS of

Lithium-Ion Batteries (CFESS5100S)

Material of Shell: Galvanized steel plate spray

Ip55

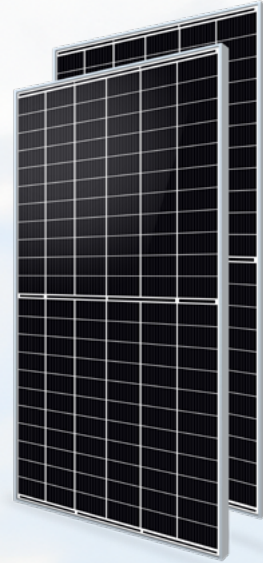




# SOLAR PANELS & TROLLEY INVERTERS

## 550WPTYPE

550W Power output  
Monocrystalline silicon 182mm  
21.3% Maximum efficiency  
Optimum operating voltage 42.05V  
Optimum operating current 13.08Amps  
Tier 1 supplier



## INVT1000PSB

Trolley Inverter  
1000W output  
Pure SineWave  
Battery operating voltage 12v  
Can support 2 x 12v lead acid batteries in parallel



# POWER SYSTEMS

## All-in-One PowerStream units

Introducing the First Battery range of advanced “All-in-one” energy storage systems. Each unit is designed to meet a variety of energy needs with unparalleled efficiency and reliability for both grid-tied and off-grid systems.

Our Air-Cooled Energy Storage System ensures effective thermal management, preventing overheating and extending the lifespan of the batteries. The air-cooled system is ideal for installations where simplicity, cost-effectiveness, and minimal maintenance are crucial.

For more demanding applications, First Battery offers the Liquid-Cooled Energy Storage System, featuring superior thermal management through advanced liquid cooling technology. This system excels in high-performance environments, where precise temperature control is essential to maintain peak efficiency and safety. Choose First Battery innovative energy storage systems to meet your energy needs with confidence and efficiency.

### FB-POWERSTREAM 30/60

AC OUTPUT: 30KW  
BATTERY CAPACITY: 61.44KWH  
CYCLE LIFE: 6000 CYCLES@0.5C, 80% DOD @25°C  
RATING VOLTAGE: 230/400V  
PROTECTION LEVEL: IP54  
COOLING TYPE: AIR COOLING  
WARRANTY: 5 YEARS



### FB-POWERSTREAM 50/100

AC OUTPUT: 50KW  
BATTERY CAPACITY: 107.52KWH  
CYCLE LIFE: 6000 CYCLES@0.5C, 80% DOD @25°C  
RATING VOLTAGE: 230/400V  
PROTECTION LEVEL: IP54  
COOLING TYPE: AIR COOLING  
WARRANTY: 5 YEARS





## FB-POWERSTREAM 100/215

AC OUTPUT: 50KW

BATTERY CAPACITY: 107.52KWH

CYCLE LIFE: 6000 CYCLES@0.5C, 80% DOD @25°C

RATING VOLTAGE: 230/400V

PROTECTION LEVEL: IP54

COOLING TYPE: AIR COOLING

WARRANTY: 5 YEARS



## FB-POWERSTREAM 100/230

AC OUTPUT: 100KW

BATTERY CAPACITY: 232.96KWH

CYCLE LIFE: 6000 CYCLES@0.5C, 80% DOD @25°C

RATING VOLTAGE: 230/400V

PROTECTION LEVEL: IP54

COOLING TYPE: LIQUID COOLING

WARRANTY: 5 YEARS



## FB-PVG1 PV GENERATOR

INVERTER: 1KW

BATTERY VOLTAGE: 25.6V

BATTERY CAPACITY: 1.28KWH

WARRANTY: 2 YEARS



## FB-PVG3 PV GENERATOR

INVERTER: 3KW

BATTERY VOLTAGE: 25.6V

BATTERY CAPACITY: 2.56KWH

WARRANTY: 2 YEARS





[www.battery.co.za](http://www.battery.co.za)

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