



Flex 10

10KWh Rack-Mounted Battery Module Residential and Telecom Applications

The Flex battery is your dependable on and off-grid power solution. This LiFePO₄ (LFP) battery offers extended life, reliable performance in any climate, and easy expansion (up to 15 batteries) for both homes and remote telecom sites. Power through outages or keep your connection strong wherever you are.

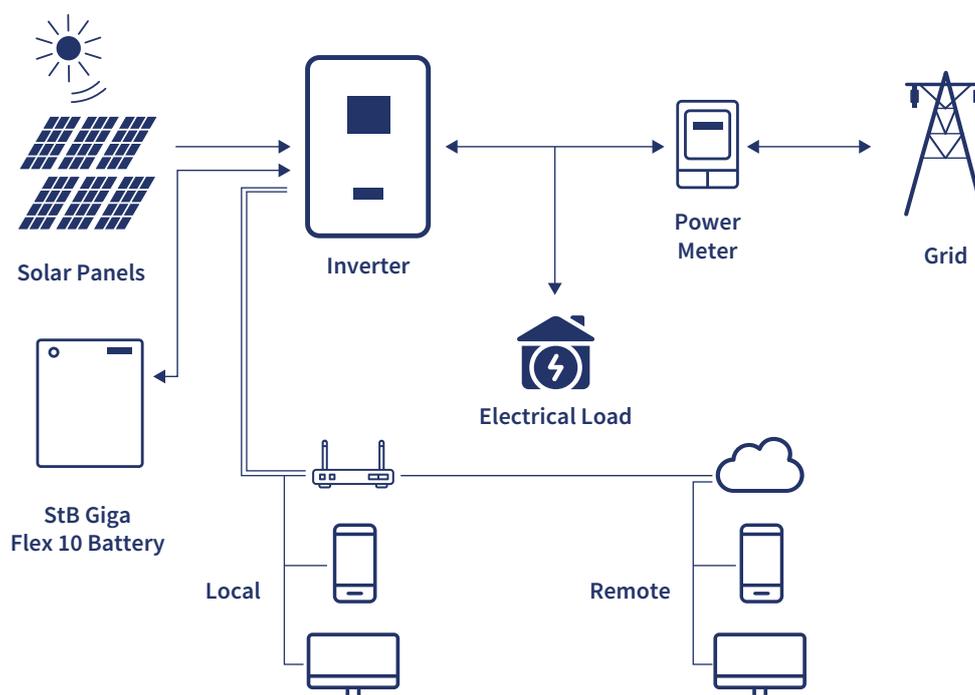
FLEXIBLE & COMPATIBLE

- Total energy: 9.6KWh
- R232/CAN
- Capacity extends to 76.8KWh
- Installation: Floor mounted
- Matched with various global top Inverter brands

SAFE & RELIABLE

- High safety standard of LFP (LiFePO₄) cell
- Long life battery design supported by the efficient equalization technology
- Advanced BMS protection functions

Block Diagram



Technical Specifications

Nominal Voltage	48V
Range of Voltage	42 to 54.75V
Total Energy	9.6KWh
Cell Type	LFP(LiFePO4)
Standard Charge/Discharge Current	100A/100A
Charge Temperature Range	0 to 55°C
Discharge Temperature Range	-20 to 55°C
Discharge of Depth (DoD)	90%
Module Parallel	Up to 8 packs
Installation	Floor mounted
Dimension(W*H*D)	620×900×230mm
Weight	105kg
Communication	RS232/CAN
IP Grade	IP54
Warranty	5-Year Product Warranty, 10-Year Performance Warranty
Storage Temperature	-10 to 45°C
Compatible Inverters	SMA/SOLAX/GOODWE/Studer/VICTRON/SOFAR/INVT Growatt/Solis/PYLON/Imeon/DEYE/Voltronic

Installation Dimensions (mm)

