



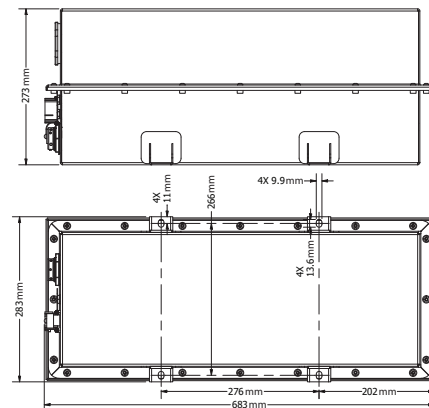
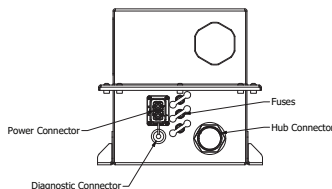
VOLTA POWER SYSTEMS

# FLEX 6.9kWh ENERGY STORAGE PACK

Volta Power Systems

voltapowersystems.com

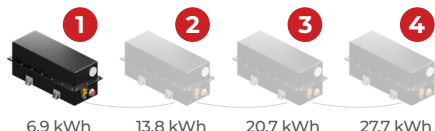
616.226.4222



## KEY FEATURES

### PARALLELABLE - CAPACITY EXPANSION

Aftermarket expandable in parallel with minimal wiring.



### CELL CHEMISTRY

Lithium Nickel Manganese  
Cobalt Oxide (NMC)  
- Automotive Grade

### CERTIFICATIONS

TEi-listed to UL 1973 standards UNECE R100  
UN ST-SG-AC10-11 (38.3) GBH 3184-2015

### AUTOMOTIVE QUALITY BMU

- Controls
- Balances
- Contactor
- Housing
- Heated
- Fully Protected

	1 Pack	2 Packs	3 Packs	4 Packs
Energy Storage	6.9 kWh	13.8 kWh	20.7 kWh	27.7 kWh
Rated Energy (Wh)	6,916 Wh	13,832 Wh	20,748 Wh	27,664 Wh
Usable Energy (Wh)	6,650 Wh	13,300 Wh	19,950 Wh	26,600 Wh
Max Voltage	59.5 V	59.5 V	59.5 V	59.5 V
Nominal Voltage	51.9 V	51.9 V	51.9 V	51.9 V
Max depth of discharge (DOD)	96%	96%	96%	96%
Weight (lbs)	130 lbs	260 lbs	390 lbs	520 lbs
AGM Lead Acid equivalency (Avg. Group 31)	12.3	24.6	36.9	49.2
100 AH LFP replacement equivalency	7.2	14.4	21.6	28.8
Volume of space required (ft <sup>3</sup> )	1.86 ft <sup>3</sup>	3.72 ft <sup>3</sup>	5.58 ft <sup>3</sup>	7.44 ft <sup>3</sup>
Cycle Life	80% 2,000 Cycles	80% 2,000 Cycles	80% 2,000 Cycles	80% 2,000 Cycles

### Storage Temps

Maximum: 60° C | Minimum: -40° C

Refer to the User Manual for details and requirements for long-term storage (>3 months)

# VOLTA'S SMALLEST ENERGY STORAGE SOLUTION DOESN'T COMPROMISE ON POWER.

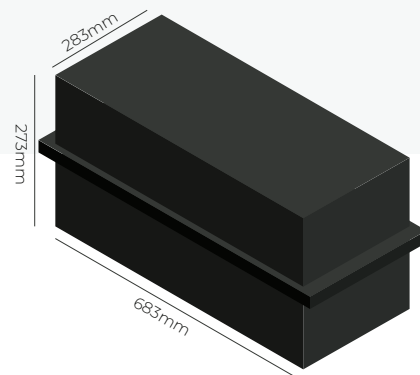
Just one energy storage pack is equivalent in energy to five and a half 12V LFP batteries, with less space and weight.



## FLEX 6.9 kWh ENERGY STORAGE PACK

Volume: 1.86 ft cubed

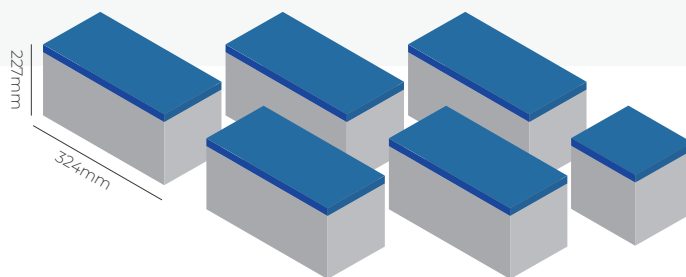
Weight: 130 lbs



## LEADING LFP BATTERY

Volume: 2.27 ft cubed

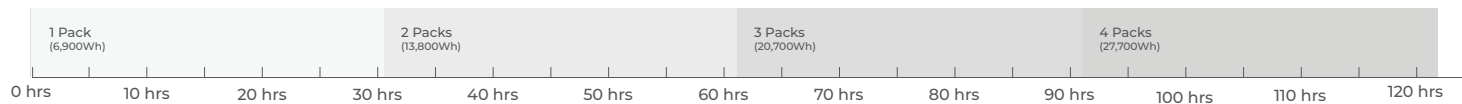
Weight: 29 lbs x 5.5 = 159.5 lbs



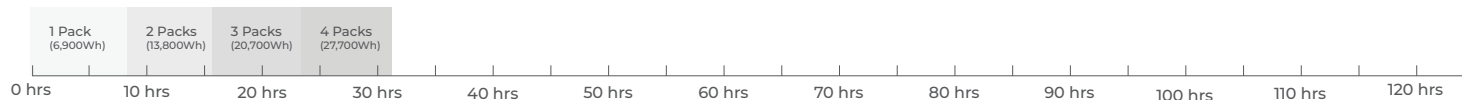
## MORE PACKS FOR MORE RUNTIME

Our 6.9 kWh energy storage pack reduces the initial investment for our OE customers while allowing post-sale expansion of capacity for users who want more. The additional energy storage packs can be purchased from approved RV dealers.

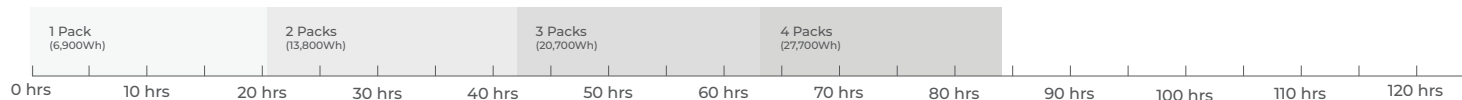
### 440W Refrigerator (50% Duty Cycle)\*



### 1,725W Air Conditioner (50% Duty Cycle)\*



### LED Lighting, TV, Laptop\*



\* These runtime estimates are based on a continual load under normal operating conditions. They are a helpful guide to estimate required capacity, but not a guarantee of performance.

