



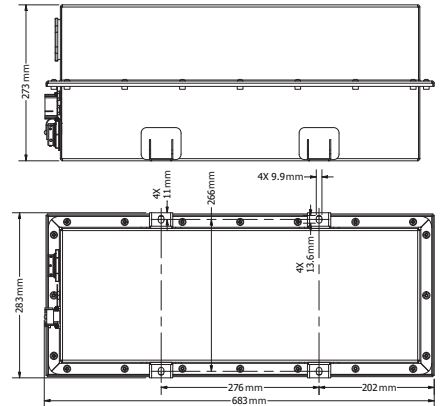
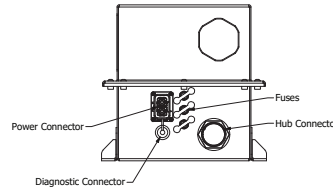
VOLTA POWER SYSTEMS

# FLEX 6.9kWh ENERGY STORAGE PACK

Volta Power Systems

voltapowersystems.com

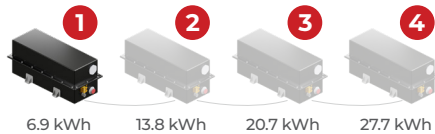
616.226.4222



## 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)*	6,474 Wh	12,949 Wh	19,423 Wh	25,898 Wh
Max Voltage	58.1 V	58.1 V	58.1 V	58.1 V
Nominal Voltage	51.9 V	51.9 V	51.9 V	51.9 V
Max depth of discharge (DOD)	94%	94%	94%	94%
Weight (lbs)	130 lbs	260 lbs	390 lbs	520 lbs
Approx. 100 Ah LFP replacement equivalency**	5.4	10.8	16.2	21.6
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>

### Storage Temps

**Maximum: 60° C | Minimum: -40° C**

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

\*Based on Volta product characterization @ C/3 (25° C)

\*\*Assumes 100% DoD for 100 Ah LFP

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

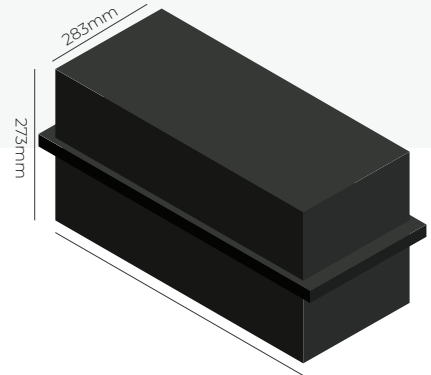
Just one energy storage pack is equivalent in energy to five and a half 12V LFP batteries, with less space and weight.



## FLEX 6.9 kWh ENERGY STORAGE PACK

Volume: 1.86 ft cubed

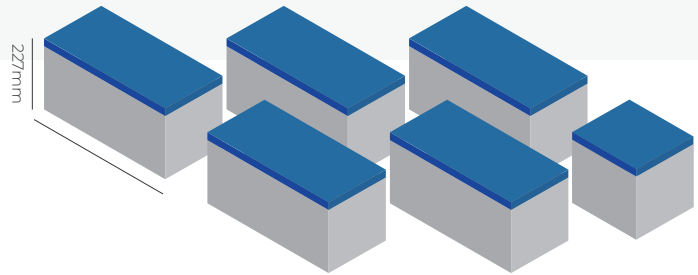
Weight: 130 lbs



## LEADING LFP BATTERY

Volume: 2.27 ft cubed

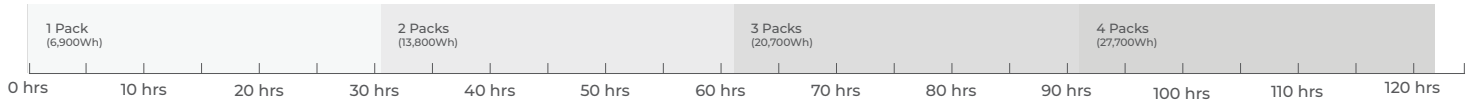
Weight: 29 lbs x 5.5 = 159.5 lbs



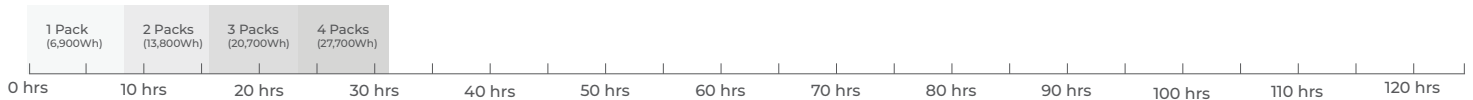
## MORE PACKS FOR MORE RUNTIME

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.

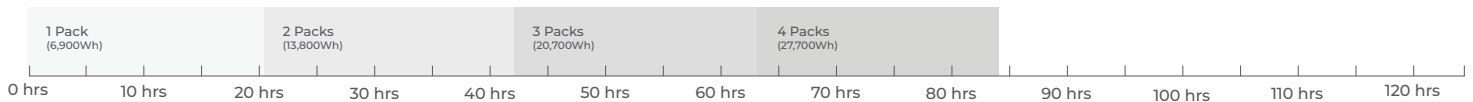
### 440W Refrigerator (50% Duty Cycle)\*



### 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.

