BATTERY PACK

VOLTAGEN
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KEY FEATURES

CELL CHEMISTRY	Lithium Nickel Manganese Cobalt Oxide (NMC) ◦ Automotive Grade
SAFETY	Seven layers including material, electronic, structural systemic safeguards
SCALABILITY	Modular from 6.9 kWh to 100+ kWhr. Up to 27.7 kWh per pack. Multiple packs supported.
AUTOMOTIVE QUALITY BMU	◦ Controls ◦ Balances ◦ Contactor ◦ Housing ◦ Heated ◦ Fully Protected

Pack Sizes	6.9 kWhr FLEX	10.4 kWhr FLEX	13.8 kWhr FLEX	20.7 kWhr FLEX	27.7 kWhr FLEX
Rated Energy (Wh)	6,916 Wh	10,374 Wh	13,832 Wh	20,748 Wh	27,664 Wh
Usable Energy (Wh)*	6,474 Wh	9,712 Wh	12,949 Wh	19,423 Wh	25,898 Wh
Max Voltage	58.1 V	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	51.9 V
Max depth of discharge (DOD)	94%	94%	94%	94%	94%
Weight (lbs)	130 lbs	195 lbs	234 lbs	313 lbs	440 lbs
Approx. 100 Ah LFP replacement equivalency**	5.4	8.1	10.8	16.2	21.6
Dimensions (in)	11x27x11 in	11x30x20 in	11x30x20 in	11x39x20 in	11x47x20 in
		Same case for 10.4 kWh FLEX & 13.8 kWh FLEX			
Volume of space required (ft^3)	1.86 ft^3	3.82 ft^3	3.82 ft^3	4.97 ft^3	5.98 ft^3

Storage Temps **Maximum: 60° C | Minimum: -40° C**

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

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*Based on Voltagen product characterization @ C/3 (25° C)
**Assumes 100% DoD for 100 Ah LFP