

VIPER LiFe 20A/h

The Viper **LiFe** features a Lithium Iron Phosphate battery pack. According to the battery specifications, this chemistry offers the longest cycle and calender life of any battery chemistry, combined with the advantage of being the least volatile type of lithium battery commercially available.

Affordability:

Ready to dive, to our knowledge the Viper LiFe is the least expensive lithium DPV in the world. This includes the VENOM 3 speed electronics.

Runtime/Duration:

The Viper LiFe with 512 Watt/hours provides 1 to 3 hours of diving. Plenty of runtime for most cave diving.

VIPER 30A/h with 777 Watt/hour LIPO and VENOM 3 speed electronics:

Featuring a high performance LIPO pack with double the capacity of the previous model, the N-19.

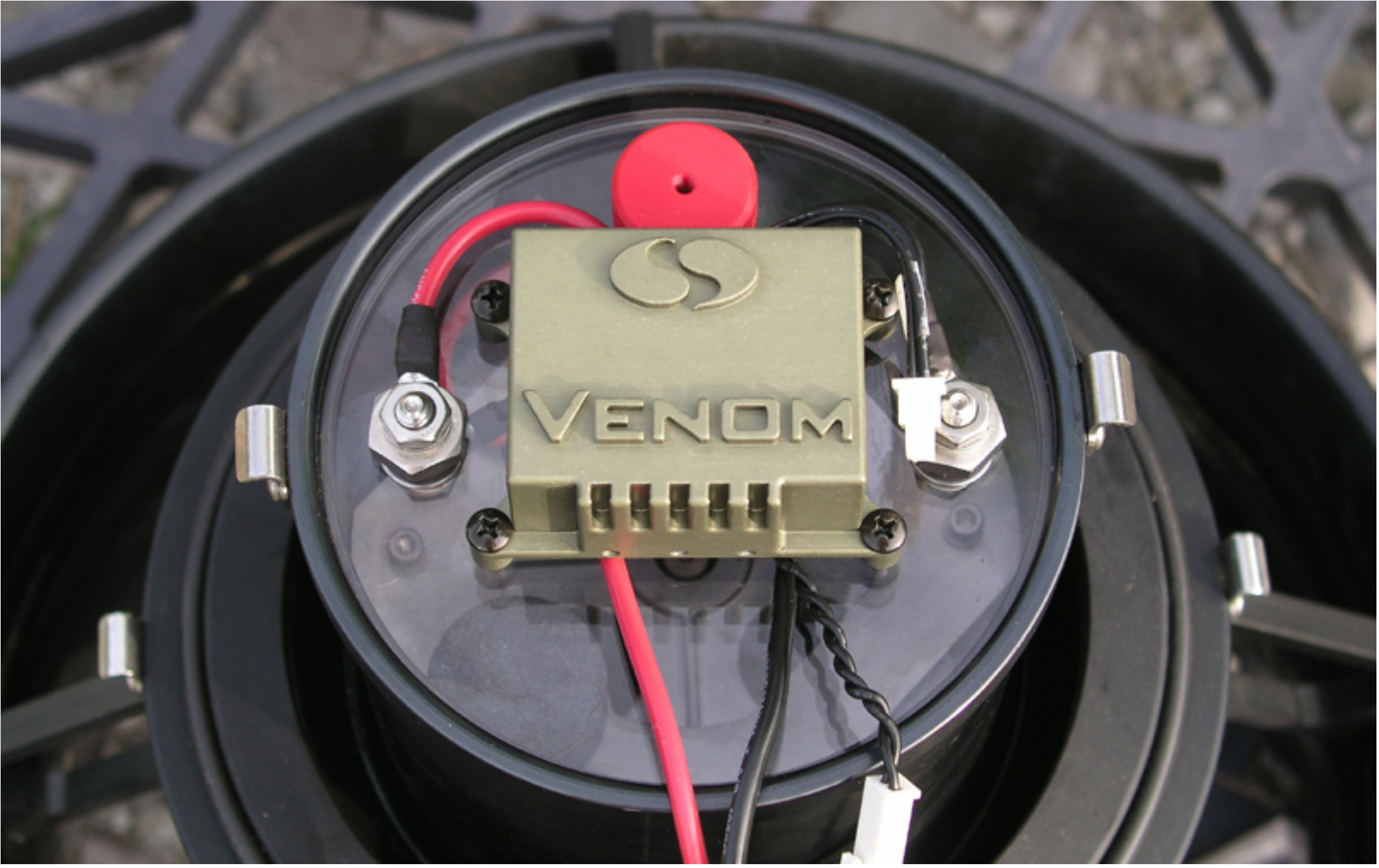
Results over older model N-19:

- 20% increase in power
- 100% increase in runtime at 200 ft/min
- 125%+ increase in slow speed cruise (~150 ft/min)

Can the N-19 be upgraded to a VIPER or VIPER LiFe? YES!

Conversion kits:

1. N-19 to Viper **LiFe** without VENOM 3 speed electronics.
2. Kit including Venom electronics option: highly recommended.
3. N-19 to Viper 777 Watt/Hour LIPO includes VENOM 3 speed electronics.



Specifications	N-19	VIPER LiFe 20 A/h	VIPER 30 A/h
Battery chemistry	NiMH Retired 2007 model	Lithium Iron Phosphate	Lithium Polymer
Battery size: watt/hours	492 nominal (Actual 375-425)	512	777
Top speed, ft/min	200	225	225
Thrust, pounds	45	55	55
Weight, pounds	49.5	49.5	50.5
Runtimes	1 to 2 hours	1 to 3	2 to 4 hours
Range @ ideal speed (180-200fpm)	2 miles	3 miles	4 miles
Range at 150 ft/min	3 miles	4 miles	6 miles
Length	29.5	29.5"	30.5"
Hull diameter	8.6"	8.6"	8.6"
VENOM 3 speed electronic speed control	No	YES	YES

WARNING:

VIPER SCOOTER LITHIUM BATTERY PACKS NOT APPROVED FOR AIRLINE TRANSPORT IN A PASSENGER AIRCRAFT.

ADVISORY: prepare a dedicated charging area that is cleared of any flammable materials or other equipment; do not charge the scooter in or attached to a dwelling with sleeping occupants, and ensure you have a functioning smoke alarm where the scooter is stored.

Battery upgraded 1-2022 by Fathom

VIPER instructions

The capacity can be increased from 737 to 980wh by adding batteries to the trays