

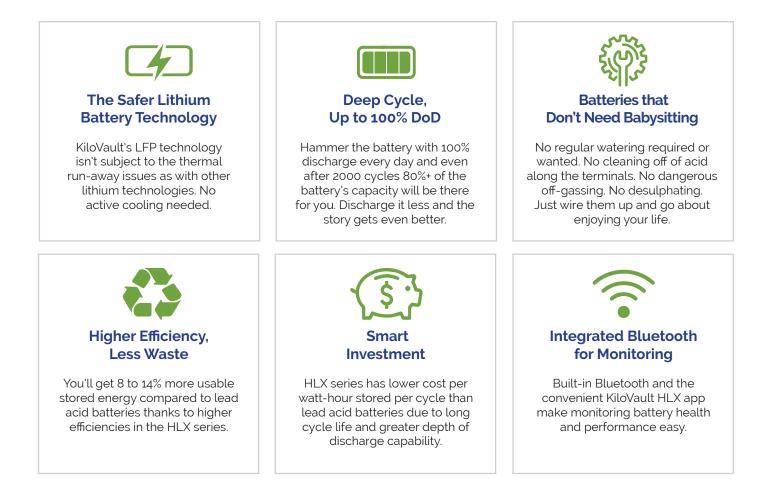
# KiloVault<sup>®</sup> HLX<sup>™</sup> Series

Exceptionally Rugged For True Energy Independence

#### Smarter, Safer, More Efficient, Longer-Lasting Energy Storage

HLX Series' lithium battery technology stores and delivers renewable energy more efficiently than traditional deep cycle batteries. And unlike flooded lead-acid batteries, they don't require maintenance.





### **Electrical Specifications**

ITEM	SPECS		
Model	HLX1200	HLX 1800	HLX 3600
Rated Capacity	1200Wh	1800Wh	3600Wh
Rated Voltage	12.8V DC	12.8V DC	12.8V DC
Nominal Amp-Hour Capacity	100Ah	150Ah	300Ah
Full Charge Voltage	14.6 ±0.2V	14.6 ±0.2V	14.6 ±0.2V
Continuous Discharge Current	100A	150A	150A
Maximum Discharge Current	100A (cont.)	150A (cont.)	200A/30 mins
Peak Discharge Current (<3 secs)	350A	500A	500A
Standard Charge Current	60A	100A	100A
Maximum Charge Current	80A	150A	150A
Discharge Cut-Off Voltage	11.5V	11.5V	11.5V



#### HLX 1200 Physical Specs

ITEM	SPECS
Weight	27 lbs (12.2 kg)
Height	8.5 in (215 mm)
Width	12.5 in (318 mm)
Depth	6.5 in (165 mm)



## HLX 1800 Physical Specs

ITEM	SPECS
Weight	45.2 lbs. (20.5 kg)
Height	9.4 in (240 mm)
Width	19.1 in (485 mm)
Depth	6.7 in (170 mm)



#### HLX 3600 Physical Specs

ITEM	SPECS
Weight	84.2 lbs (38.2 kg)
Height	8.7 in (220 mm)
Width	20.5 in (520 mm)
Depth	10.6 in (269 mm)





# **Additional Specifications**

ITEM	SPECS
Operating Temperature Range (Internal to Battery)	Charging: 32 - 113°F (0 - 45°C) Discharging: -4 - 140°F (-20 – 60°C)
Optimal Temperature Range	59 – 95°F (15 – 35°C)
Self-Discharge Rate	≤2% per month
Estimated # of Cycles Until 80% of Rated Wh Capacity Remains	2000 cycles @ 100% Depth of Discharge 5000 cycles @ 80% Depth of Discharge
Voltage Configurations	12, 24, 36 or 48V
Maximum Configuration	Up to 4 parallel strings of 4 series batteries (16)
Battery Management System	Monitors and optimizes charge and discharge for each cell, provides overcharge, over discharge, temperature and short circuit protection.
Maximum Time Between Charges	6 months
Warranty	7.5 Year Limited Warranty
Monitoring	Built-in Bluetooth and HLX app for on-site battery status monitoring