

Electrical Specifications

| ITEM | SPECS | | |
|----------------------------------|-----------|-----------|-----------|
| Model | 1200 HLX+ | 2400 HLX+ | 3600 HLX+ |
| Rated Capacity | 1200Wh | 2400Wh | 3600Wh |
| Rated Voltage | 12.8V DC | 12.8V DC | 12.8V DC |
| Nominal Amp-Hour Capacity | 100Ah | 200Ah | 300Ah |
| Full Charge Voltage | 14.2V | 14.2V | 14.2V |
| Continuous Discharge Current | 100A | 150A | 200A |
| Maximum Discharge Current | 100A | 200A | 200A |
| Peak Discharge Current (<3 secs) | 350A | 500A | 500A |
| Standard Charge Current | 50A | 100A | 150A |
| Maximum Charge Current | 80A | 150A | 200A |
| Discharge Cut-Off Voltage | 10 ±0.2V | 10 ±0.2V | 10 ±0.2V |



1200 HLX+ Physical Specs

| ITEM | SPECS |
|--------|--------------------|
| Weight | 25.8 lbs (11.7 kg) |
| Length | 12.5 in (318 mm) |
| Depth | 6.5 in (165 mm) |
| Height | 9.25 in (235 mm) |

Additional Specifications

| ITEM | SPECS |
|--|--|
| Operating Temperature Range (Internal to Battery) | Charging: 32 - 113°F (0 - 45°C) Discharging: -4 - 131°F (-20 - 55°C) |
| Ambient Temperature Range (External to Battery) | -4 to 113°F (-20 to 45°C) |
| Internal Heating | Approx. 1.5-2 hours to warm battery from -4°F to 41°F (-20° C to 5° C) |
| Optimal Temperature Range | 59 - 95°F (15 - 35°C) |
| Self-Discharge Rate | ≤3% 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 | 4 parallel strings of 4 series batteries (16 with use of required HLX+ Bridge.) Otherwise, max of 4 batteries can be used in series OR parallel, but NOT both |
| 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 |
| Monitoring | Built-in Bluetooth and HLX iT app for on-site battery status monitoring |
| Compliance Certifications | ETL Certified to UL Standard 1973; UL1642; UN38.3; IEC62619; CE; OSHA 18001/ ISO45001; ISO 9001/14001 |
| Ingress Rating | IPX4 |
| Warranty | 7.5 Year Limited Warranty |



2400 HLX+ Physical Specs

| ITEM | SPECS |
|--------|------------------|
| Weight | 59.5 lbs (27 kg) |
| Length | 19.9 in (505 mm) |
| Depth | 6.77 in (172 mm) |
| Height | 10.1 in (255 mm) |



3600 HLX+ Physical Specs

| ITEM | SPECS |
|--------|------------------|
| Weight | 88.2 lbs (40 kg) |
| Length | 20.5 in (521 mm) |
| Depth | 11 in (280 mm) |
| Height | 9.25 in (235 mm) |

