

Lucid Bots Power Tether · Continuous Power System

Eliminate battery swaps and keep the Sherpa flying the entire job. Unlimited flight time, one setup, zero downtime.

Sherpa 1 & 1.5

100s of hours tested

Ships week of April 6

Pre-orders ship first

8 hr 48 sec

TESTED FLIGHT TIME

140 ft

TESTED CEILING

96%

US BUILDINGS COVERED

<15 min

SETUP TIME

ROI – 4 - HOUR JOB

8 Batteries (Best Case)

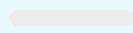
Flying  120m

Waiting  74m

62% flying

Power Tether

Flying  240m

Waiting  0m

100% flying

SYSTEM COMPONENTS

Air Unit	9.3 lbs · Battery bay mount · Water & corrosion resistant · Lucid PDB included
Ground Station	36.85 lbs loaded · Water resistant · Hard case included
Power Cable	200 ft shielded · ~12 lbs · Field-replaceable · Full unreel required before flight
Generator	Not included · Customer provides 120V/240V NEMA 14- 50 · 10,000+ running watts

REQUIRED COMPONENTS (NOT INCLUDED)

Generator	We recommend the <u>Predator 13,000 Peak / 10,000 Sustained Tri-Fuel Generator</u> (Harbor Freight) with remote start & CO protection.
Power Cable	We recommend the <u>NEMA14-50 Cable</u> .

PICK THE RIGHT HOSE

RECOMMENDED

¼" Powerhorse Ultra Flex

Windows, facades, precision
140 ft ceiling

- + Lightest, max altitude
- + Kink-resistant, 3,400 PSI
- Lower flow, 50 ft lengths

Must use the blue 3-5 GPM Injector with Payload

¾" Flexzilla Soft Wash

Chemical application
110-115 ft ceiling

- + Higher flow rate
- + Better for heavy chemical use
- Lower max altitude

TECHNICAL SPECS

Power & Input

Power source	10,000+ W gen
Input	NEMA 14-50
Tether	200 ft (61 m)
Failover hold	5 seconds

Weight

Air unit	8.5 lbs
Cable (200ft)	~12 lbs
Ground station	36.85 lbs

Operation

Platforms	Sherpa Drone 1, 1.5
Cable (200ft)	<15 min
Ground station	Unlimited

Performance

Longest flight	8 hr 48 sec
Buildings	96% (<12 stories)
Ceiling	140 ft tested

SAFETY & FAILSAFE SYSTEMS

Auto Battery Failover

Sprayer off → battery switch → 5-sec hold → controlled descent.

Altitude Limit Protection

Firmware ceiling prevents climbing past stable operating range.

Cable Safety Requirement

Full 200 ft must be unreeled before flight for safe power delivery.

Field-Replaceable Cable

Designed to be swapped in the field if damaged on the job.

FAQ

Does the tether restrict Sherpa's mobility?

No more than the water hose tether already does.

What if tether power is interrupted?

Sprayer shuts off first. Onboard battery provides ~4 min for safe landing.

Is the system waterproof?

Air unit: water & corrosion resistant. Ground unit: water resistant.

What is routine maintenance?

Rinse air unit with clean low-pressure water after use. Clean ground unit air inlet/outlet when dirty.