



\$17,600

STANDALONE · INCLUDED IN SCALE TIER

# Lucid Bots Power Tether

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

lucidbots.com

(704) 228-2085

support@lucidbots.com

Sherpa 1 & 1.5

Ships week of April 6

100s of hours tested

Pre-orders ship first

**8 hr 48 sec**

TESTED FLIGHT TIME

**140 ft**

TESTED CEILING

**96%**

US BUILDINGS COVERED

**<15 min**

SETUP TIME

## SYSTEM COMPONENTS

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

## REQUIRED COMPONENTS (NOT INCLUDED)

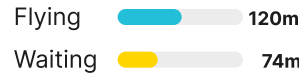
<b>Generator</b>	We recommend the Predator 13,000 Peak / 10,000 Running Tri-Fuel Generator (Harbor Freight) with remote start & CO protection.
<b>Power Cable</b>	We recommend this <a href="#">NEMA14-50 Cable</a> .

## PICK THE RIGHT HOSE

<b>1/4" Powerhorse Ultra Flex</b>	<ul style="list-style-type: none"> <li>+ Lightest, max altitude</li> <li>+ Kink-resistant, 3,400 PSI</li> <li>- Lower flow, 50 ft lengths</li> </ul>
Windows, facades, precision	
<b>Configuration</b>	<b>FAA-Compliant Max Height</b>
w/ Window Payload (Full Tank) Must use the blue 3-5 GPM Injector with Payload	~66 ft
No Payload	~91 ft
<b>Software Limited</b>	
w/ Window Payload (Full Tank) Must use the blue 3-5 GPM Injector with Payload	~140 ft
<b>3/8" Flexzilla Soft Wash</b>	<ul style="list-style-type: none"> <li>+ Higher flow rate</li> <li>+ Better for heavy chemical use</li> <li>- Lower max altitude</li> </ul>
Chemical application	
<b>Configuration</b>	<b>FAA-Compliant Max Height</b>
w/ Window Payload (Full Tank)	~49 ft
No Payload	~68 ft
<b>Software Limited</b>	
w/ Window Payload (Full Tank)	~120 ft

## ROI – 4 - HOUR JOB

### 8 Batteries (Best Case)



**62% flying**

### Power Tether



**100% flying**

## TECHNICAL SPECS

### Power & Input

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

### Operation

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

### Weight

Air unit	9.3 lbs
Cable (200ft)	~12 lbs
Ground station	36.85 lbs

### 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.