

LEX Outdoor PowerRACKs are engineered for **maximum power density, minimum footprint, and optimized logistics.**

Compared with legacy 1200A panels, Lex PowerRACKs deliver dramatic reductions in volume, truck usage, and lifetime emissions —helping rental partners, production companies, and end users advance their ESG goals without sacrificing performance.

## **Dramatically Smaller, Purpose-Built Form Factor Up to 75% Smaller by Volume**

Including width, height, and depth, Lex PowerRACKs are 65–75% smaller than a traditional 1200A panel.

- Legacy panel 1200A volume: **131,261 in<sup>3</sup>**
- Lex PowerRACK volume: **32,000–46,000 in<sup>3</sup>**

This represents a **2.8x to 4x improvement in power per cubic foot** of truck space.

Shallow 30" depth improves pack density  
Competitor depth: **34"**  
Lex depth: **30"**

**The result:** tighter loading patterns, better aisle clearance, safer handling, and higher trailer utilization.

Outdoor Rack distributes up to 1600 Amps of 3 phase power to multiple circuits, creating a main power distribution station within the jobsite.

## **Fewer Trucks. Lower Emissions. Lower Cost.**

### **3-Across and 2–3-High Packing**

Lex units are designed to fit three across in a standard 53' truck and stack two or three high, enabling:

- 6–9x more units per truck slice vs. legacy panels
- Consolidation of 2–3 competitor trailers into 1–2 Lex trailers
- Improved transport safety and reduced freight cost

### **Real-World Impact: Fewer Truckloads Per Event**

For a typical large-scale event or industrial outage requiring 8–12 high-amp racks:

- Legacy panels: often 2 full trucks
- Lex PowerRACKs: typically 1 truck, with room for additional distribution and cabling



### **Lifetime Emissions Savings**

Using EPA heavy-duty truckload factors (1.387 kg CO<sub>2</sub> per truck-mile):

- Avoiding **1 truckload on 10 deployments/year** saves:  
**~14 metric tons CO<sub>2</sub> annually**  
**~70–140 metric tons CO<sub>2</sub> over 5–10 years**
- Avoiding **2 truckloads** on the same pattern saves:  
**~28 metric tons CO<sub>2</sub> annually**  
**~138–277 metric tons CO<sub>2</sub> over 5–10 years**

This is equivalent to the annual emissions of 30–60 passenger vehicles—saved per fleet of Lex PowerRACKs.



**Patent Pending**

## Better Utilization, Lower Embodied Carbon

Lex 1200–1600A PowerRACKs are rented **50–80% of the year**, far above industry norms.

### High utilization means:

- More power delivered per pound of steel, aluminum, and copper
- Reduced embodied carbon intensity per event
- Fewer replacement cycles and less waste over the product's lifetime

### Smaller enclosures also require:

- Less sheet metal
- Less paint and coating (lower VOC footprint)
- Less packaging and crating material

## Operational & Social ESG Benefits

### Safer Jobsites

Compact racks reduce crowding around generators and transformers, simplify cable routing, and minimize trip hazards.

### Lower Community Impact

Fewer trucks on the road reduce:

- NOx and PM2.5 emissions in communities along freight corridors
- Noise pollution
- Accident risk related to heavy trucking

### Design for Longevity & Circularity

Durable construction, modular components, and refurb-friendly architecture extend product life and reduce landfill waste.

## Your ESG Advantage with Lex

- ✓ Up to 75% smaller volume
- ✓ Up to 3× fewer trucks required per deployment
- ✓ Up to 277 tons CO<sub>2</sub> saved over product life
- ✓ Safer, more efficient sites
- ✓ Lower cost of logistics and ownership

## Clear, Reportable ESG Metrics for Your Sustainability Program

Lex PowerRACKs directly support:

### Scope 3 – Upstream Transportation & Distribution

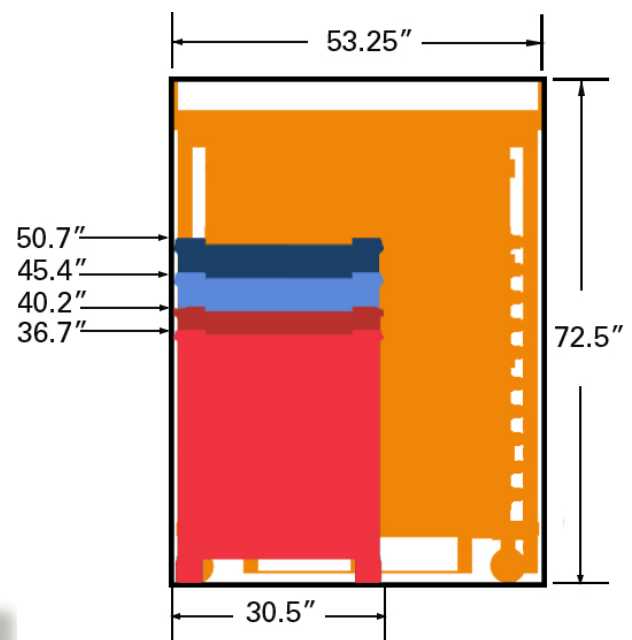
- Fewer truckloads
- Lower truck-miles per event
- Directly measurable CO<sub>2</sub> savings

### Scope 3 – Purchased Goods & Services

- Lower material mass per unit of power
- Reduced embodied emissions

### Scope 2/Indirect Benefits

- Faster deployment improves resilience for temporary power supporting hospitals, events, data centers, and emergency response.



**Lex PowerRACKs deliver high-amp temporary power more sustainably, more efficiently, and more profitably.**

**Helping your organization meet growing environmental commitments while improving operational performance.**