

KJ Power Lighting Solutions



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KJ Power meets the needs of modern construction sites, emergency zones, and event areas from a single source with its Cube, Mobile, and Plugin models, all specifically engineered for challenging field conditions. With their compact designs, high-performance LED lighting systems, and safety-focused smart technologies, KJ Power light towers turn night into day.

Plugin Model: Silent, Lightweight, and Practical

The Plugin model is a compact light tower that operates entirely on electricity, with no engine or battery system, offering the following advantages:

- Extremely lightweight and highly portable,
- Multiple Plugin towers can be connected in parallel to a single power source,
- The mast is raised quickly via an electric motor,
- Comes standard with 4×300W LED floodlights; a 400W option is available.

This model offers energy efficiency and silent operation, making it ideal for installations where a motorized system is unnecessary.



Cube Model: Power and Intelligence Combined

The Cube model stands out in the field with its diesel-powered energy generation and advanced safety features:

- Equipped with a 13 kVA Yanmar diesel engine, it can power both its own LED lighting and additional Plug-in towers.
- The hydraulic mast provides robust and quick deployment.
- LED panels are motorized with pan-tilt functionality, allowing directional adjustment of the light beam with ease.
- It comes standard with 4×300W LED floodlights; higher wattage options are available upon request.
- Even at maximum mast height, the direction of the light can still be adjusted – a significant advantage over competing models.
- An integrated Wi-Fi Dome Camera and public address (PA) system offer a major boost in site security.
- The anemometer (wind sensor) ensures the tower automatically shuts down under extreme wind conditions.
- The electrically operated hydraulic unit can also supply external hydraulic outputs when needed.



Mobile Model: Portable and Autonomous Power

The Mobile model combines the strengths of both the Cube and Plugin models. Featuring an integrated engine and a portable chassis, it ensures independent and flexible operation on site.

- Its compact design allows it to be moved by forklift,
- An optional trailer system enables road transport.

This model is the optimal choice when mobility, autonomy, and reliability are required in demanding field conditions.





Optional Features

Camera Announcement System

An integrated speaker system enabling voice alerts and announcements in the field.

Wind Speed Sensor

Measures real-time wind speed and automatically shuts down the system for safety in extreme wind conditions.

Pan-Tilt Motor

A motorized system that allows remote adjustment of LED luminaires.

Beam System

Focuses light intensity to deliver more effective illumination in specific areas.

Hybrid (Battery Option)

Provides a battery-supported energy solution to power LEDs without running the engine.

Hydraulic Output

Offers an output port for supplying hydraulic power to external equipment.

Small Wheel Option

Compact wheel configuration enabling easy maneuverability in confined spaces.

Forklift-Compatible Chassis

Equipped with fork slots to ensure safe and easy transport with a forklift.

LED Panel

Large-surface, energy-efficient LED panels providing high luminous output.