



# PLT SMART SERIES

*Diesel Engine Driven Portable Light Towers*



**EMPOWERED TO  
PERFORM**

**PLT-50 Smart and PLT-60 Smart**

# Efficient **Reliable** Tough

The PLT-50 Smart and PLT-60 Smart light towers revolutionize portable lighting by delivering power efficiency, smart features, and durable reliability. Built to perform in challenging environments, these towers provide exceptional illumination, reduce carbon emissions, and offer user-friendly maintenance.

## **APPLICATIONS**

- Road Construction
- Mining & Quarrying
- Emergency Response
- Oil & Gas Operations
- Events & Outdoor Worksites



### LED LAMPS WITH MOULDED LENS

4 sets of 400W high-efficiency LED floodlights offering 160,000 lumens and over 20,000 hours of life.

### COMPACT DESIGN

Combines all lighting tower essentials within a compact, mobile-friendly frame.

### LOWER CARBON FOOTPRINT

LED lights + fuel-efficient engine = reduced emissions and sustainable performance.

### DUSK TO DAWN SENSOR (Optional)

Automatic engine start/stop for unmanned and remote operations.

### SIMPLIFIED & INTEGRATED CONTROL PANEL

A SMART digital controller manages engine and alternator. Includes 16A auxiliary outlet.

### LARGE FUEL TANK WITH LIQUID CONTAINMENT

120-litre powder-coated tank with integrated containment system allows long runtime and prevents leaks.

### LARGE SWING DOORS

Dual large swing-type doors ensure full access to key components for safe and easy maintenance.

### LEAF SPRING TRAILER WITH DETACHABLE DRAWBAR

Reduces vibration and optimizes storage/transportation dimensions.



## Technical specification

| Parameter                  | PLT 50 Smart / PLT 60 Smart |
|----------------------------|-----------------------------|
| Output Voltage             | 240V / 220V                 |
| Output Frequency           | 50Hz / 60Hz                 |
| Engine Speed               | 1500 / 1800 RPM             |
| Engine                     | YANMAR 3TNV76-GGEA          |
| Number of Cylinders        | 3                           |
| Engine Cooling             | Liquid Cooled               |
| Alternator                 | Leroy Somer / Stamford      |
| Alternator Rating          | 7.5 kVA                     |
| Floodlights                | 4 x 400W LED                |
| Luminous Flux              | 160,000 Lumens              |
| Illuminated Area           | ~10,000 sq. meters          |
| Mast Rotation              | 345 Degrees                 |
| Mast Lifting               | Manual                      |
| Designed Wind Speed        | 80 km/h                     |
| Fuel Tank Capacity         | 120 Litres                  |
| Running Time               | Up to 150 Hours             |
| Auxiliary Power            | 16A, 1 Phase                |
| Liquid Containment         | Yes                         |
| Dry Weight                 | 830 kg                      |
| Minimum Dimensions (LxWxH) | 2411 x 1212 x 2946 mm       |
| Maximum Dimensions (LxWxH) | 2411 x 2695 x 8000 mm       |

OJUS Power and Technologies Private Limited  
 2/1, JC Industrial Estate, Yelachenahalli, Kanakapura Road, Bengaluru, Karnataka 560062  
 ☎ +91 974 000 7700 ✉ [contact@ojuspower.com](mailto:contact@ojuspower.com) 🌐 [www.ojuspower.com](http://www.ojuspower.com)