



# 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 350W 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 Specifications

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 350W LED
Illuminated Area	5,000 m <sup>2</sup> (Avg 20 Luxes)
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, Single 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

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