



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  www.ojuspower.com