

## PRODUCT OVERVIEW

YAGEO Group proudly expands into the Power range with the launch of **PM9525NL**. Engineered for performance, scalability, and cost efficiency, it delivers up to 3.6KW in a compact 53 × 52 × 43 mm form factor.

Its innovative magnetic design concentrates 6.4μH of controlled leakage inductance on the primary side, eliminating the need for an external resonant inductor – reducing both component count and BOM cost.



### Quick Facts NEW

3.6KW

42.4μH Open Circuit Inductance

6.4μH Leakage Inductance

Dedicated [White Paper](#) for more technical information

### Contact & Information

Visit our Product Pages on [YAGEOGroup.com](http://YAGEOGroup.com)



## Power Transformers

### PTLA /PTLC Series

# 3.6KW LLC Transformer



## Key Selling Points

### Features

**High power density**

**53x52x43mm Max**

**4.2kVrms isolation**

**Basic Insulation**

**5mm Creepage & Clearance Distance**

**Primary side leakage inductance**

### Customer Value

All leakage inductance available for resonant circuit

Eliminates the need for an external resonant Inductor

Reduces magnetic component count

Lower BOM cost and real estate area

Full winding automation of higher reliability

Designed according to IATF requirements – Automotive ready

### Target Applications

- EV charging
- AI Computing
- Data Servers
- Telecom infrastructure
- Intermediate Bus Converters
- Power Supplies

### Market Advantages

- **First to market**
- **KW Power transformer as standard**
- **Modular and scalable for higher power**
- **Compatible with AEC-Q200 qualification requirements**
- **Automotive ready**
- **RoHS, REACH, Halogen Free compliant**