

POWER PRODUCTS UGANDA LIMITED

PRODUCT SPECIFICATIONS



PERKINS GENERATORS



Rubaga Kabusu

Plot 103 Rubaga Kabusu
Kampala - Masaka Road

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1103A-33TG

DESCRIPTION

Perkins generator is **efficient, quiet and powerful**. Its power density, durability, fuel efficiency and quiet operation makes it the ideal model for the end user.

The generator base frame design is incorporated with an **integral fuel tank** with a capacity of long running hours at Full Load. The tank is supplied complete with fill cap breather, fuel feed and return lines to the Engine and drain plug.

The **Leroy-Somer TAL Alternator** is designed to meet the general needs of stand-by and prime power applications in telecom, commercial and industrial markets. The alternator is of high quality standards and is built with class H insulation materials.

Automatic Voltage Regulator (AVR) The fully sealed Automatic Voltage Regulator maintains the Voltage Regulation at $\pm 0.5\%$. Nominal adjustment by means of a trim pot incorporated on the AVR.

Anti-Vibration pads are affixed between the Engine / Alternator feet and the Base frame thus ensuring complete vibration isolation of the rotating assembly.



SPECIFICATION

| | |
|---------------------------------|---------------------------------------|
| Type / Category | Perkin Generator |
| Displacement (cc) | 3.3 l |
| Gross Mechanical output | 42 - 70 kWm |
| Typical Electrical output | 45-75 kVA (36-60 kWe) |
| Rated Speed | 1500/1800 rpm |
| 50 Hz Typical Electrical Output | Prime 45 - 60 kVA Standby 50 - 66 kVA |

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SPECIFICATION

| | |
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| 60 Hz Typical Electrical Output | Prime 43 - 55 kWe Standby 47- 60 kWe |
| Emissions standards | Fuel Optimised |
| Number of Cylinders | 3 vertical inline |
| Bore X Stroke | 105 mm X 127 mm |
| Compression Ratio | 17.3:1 |
| Aspiration | Turbocharged |
| Cooling system | Liquid |
| Switchable | yes |
| Total coolant capacity(L) | 10.2 |

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