

POWER PRODUCTS UGANDA LIMITED

PRODUCT SPECIFICATIONS



PERKINS GENERATORS



Rubaga Kabusu

Plot 103 Rubaga Kabusu
Kampala - Masaka Road

Telephone Number(s)

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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 tele-com, 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

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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