

# POWER PRODUCTS UGANDA LIMITED

## PRODUCT SPECIFICATIONS



## PERKINS GENERATORS



### Rubaga Kabusu

Plot 103 Rubaga Kabusu  
Kampala - Masaka Road

### Telephone Number(s)

+256 414 341174 | +256 392 176430  
+256 758 383266 | +256 758 383340

### Emails

[sales@powerproductsugandaltd.com](mailto:sales@powerproductsugandaltd.com)  
[info@powerproductsugandaltd.com](mailto:info@powerproductsugandaltd.com)

## 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
Engine	1103A-33G
Displacement (cc)	3.3 l
Gross Mechanical output	28 - 36.5 kWm
Typical Electrical output	30-38 kVA (24-31 kW <sub>e</sub> )
Rated Speed	1500/1800 rpm
50 Hz Typical Electrical Output	Prime: 30KVA. Standby: 33 KVA

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## SPECIFICATION

60 Hz Typical Electrical Output	Prime: 27.9 kWe Standby: 30.6 kWe
Emissions standards	Fuel Optimised
Number of Cylinders	3 vertical inline
Bore X Stroke	105 mm X 127 mm
Compression Ratio	19.25:1
Aspiration	Naturally Aspirated
Cooling system	Liquid
Switchable	yes

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