



Genset Model	ARP30
Prime Output (KVA/KW)	30/24

Technical Data

Engine Model	1103A-33G	Compression Ratio	19.25:1
Prime Output (KW)	24	Displacement (Ltrs.)	3.3
BHP (Net)		Fuel	HSD
Cooling	Water Cooled	Governor	Mechanical
Aspiration	Naturally	Starting System	12V Electrical
No. Of Cylinder	3 Vertical InLine	Lube Oil System Capacity (Ltrs.)	7.9
RPM	1500	Over load capacity	10% for one hr with 12 hrs of operation
Bore (mm)	105	Coolant Capacity (Ltrs.)	10.2
Stroke (mm)	127	Exhaust Temp °C	680

Alternator

Alternator Frame	HC4C	Class of insulation	Class H
Voltage	415 volts	Recommended cable size (Al Armoured)	-
RPM/Frequency	1500/50 Hz	Control Panel Enclosure	IP 55
No. Phases	3	Breaker Rating (Amps) (MCCB)	-
Power factor	0.8 (lag)	Fuel Tank capacity (Ltrs.)	57
Enclosure	IP 23	Fuel Consumption at 100 %	7.1 Liters/Hr
Voltage regulation (Max)	+ 1.5%	Rating (AH)	12V

Genset Dimensions and Weight

Genset type	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)
Open Type	1702	700	1340	725
Canopy Type	2550	950	1700	1100