

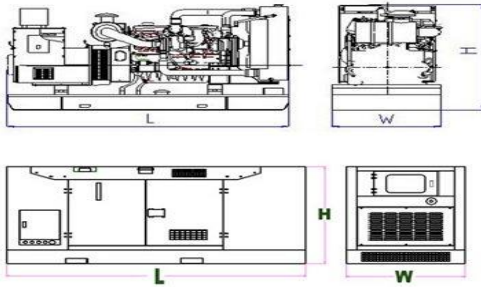
MAIN DATA

Continuous power (PRP)	45 KVA
Continuous power (PRP)	36 KW
Stand-by power (LTP)	50 KVA
Stand-by power (LTP)	40 KW
Voltage	400 V
Frequency	50 Hz
Power factor	0.8



Prime : this rating is for the supply of continuous electrical power ,at variable load ,in lieu of commercially purchase power .there is no limitation on the annual hours of operation and 10%over load power can be supplied for 1 hour in 12

Standby: this rating is for the supply of continuous electrical power ,at variable load in the event of a utility power failure . No overload is permitted



Dimension & Weight

Genset Type	Open	Closed
Length(L)(mm)	1950 mm	2260 mm
Width(W)(mm)	775 mm	1100 mm
Height (H)(mm)	1175 mm	1500 mm
Gross Weight (KG)	850 Kg	1350 Kg

ENGINE	
Engine brand	PERKINS
Engine model	1103A-33G1
Cylinders	3;Vertical In-Line
Speed	1500 r.p.m
Cubic capacity	3.3 Liters
Cooling	Water Cooled
Standard voltage	400 V
Lubricating oil capacity Min	6.2 Liters
Lubricating oil capacity Max	7.8 Liters
Direction of Rotation	Anti-Clockwise
Flywheel stand-by power	1.14 kgm ²
Fuel Cons .at 100 % (P.R.P)	10.7 l/h
Fuel Cons .at 75 % (P.R.P)	8.2 l/h
Fuel cons .at 50% (P.R.P)	5.7 l/h

ALTERNATOR	
Alternator brand	Leroy Somer
alternator model	042F
P.R.P power	45 KVA / 36 KW
L.T.P Power	50 KVA / 40 KW
Connection	Star Connection
Phases	3
Insulation Class	Class H
Terminal Number	6
IP Protection	IP23
Electronic regulator	0.50%
Precision	99.80%

CONTROL SYSTEM	
MODEL	DSE 6110MK111

CONTROL FUNCTIONS	
Manual Start	YES
Auto Start	YES
Set to set paralleling	YES
Utility paralleling	YES



TecnoGen Power Generators strade per ponte riglio. 25 .29010 pontenure (Piacenza)ITALY

www.tecnoGen.com

all the information provided in this leaflet is correct at the time of printing but may change due to continuous reasearch ang development