



## GENERATING SET MODEL (YP1500)

Output Ratings	Prime	Standby
230-400V, 3ph, 50Hz, 1500 rpm	1500 KVA	1650 KVA
	1200 KW	1320 KW

Applicable Voltages: 220/127 V at 60 Hz only (Consult your dealer for more details) Ratings at 0.8 Power Factor

## ENGINE / TECHNICAL DATA

Engine Make	Perkins	
Engine Model	4012-46TAG2A	
Governing Class	ISO 8528-5 G2	
Number of Cylinders	12	
Cylinder Arrangement	60° Vee form	
Bore and Stroke mm	160 x 190	
Displacement / Cubic Capacity liters	45.842	
Induction System	Turbocharged and air to air charge cooled	
Cycle	4 stroke	
Combustion System	Direct Injection	
Compression Ratio	13.6:1	
Rotation	Anti-clockwise (viewed on flywheel)	
Cooling System	Water – cooled	
Frequency and Engine Speed	50Hz & 1500rpm	60Hz & 1800rpm
	Prime Standby	Prime Standby
Gross Engine Power kW (hp)	1331 (1785) 1459 (1957)	

## FUEL SYSTEM

Fuel Consumption l/hr(US gal/hr)	Engine Speed	1500 rpm	1800 rpm
	Standby	335 (88.5)	251 (66.3)
	Prime Power	301 (79.5)	319 (84.3)
	75% of Prime Power	237 (62.5)	195 (51.5)
	50% of Prime Power	162 (42.8)	171 (45.2)

Fuel Tank Open /Close

## DIMENSIONS AND WEIGHT

Generator Type	Length mm	Width mm	Height mm	Weight kg
Open Type	5200	2180	2530	10300
Close Type	12000	2400	2400	15690

## GEN-SET CANOPY SPECIFICATIONS (OPTIONAL)

Canopy Type	4ft Container
Anticorrosive Protection	Heat treated Galvanized Metal sheets
Access Doors	4
Drainage	Fuel & Water drainage
Noise Level	66 dbA @ 7 meter
Cable Access	Cable Inlet and Outlet
Emergency Stop	External Emergency Puch Button

## ALTERNATOR DATA

Make	Leroy Somer
Model	LSA50.2L8
No. of Bearings	1
Insulation Class	H
Total Harmonic Content	<3.5%
Wires	12
Ingress Protection	IP23
Excitation System	AREP
Winding Pitch	2/3 (n° 6S)
AVR Model	R450
Overspeed	2250 mn-1
Voltage Regulation (steady)	± 0.5%

AREP & PMG Excitation System Available as Optional.

## CONTROL PANEL



Make	Deep Sea
Model	DSE6110

Disclaimer : Younus Power Services have made efforts to ensure that the information in this data sheet is accurate but reserve the right to amend specifications and information without notice and without obligation or liability.