



## GENERATING SET MODEL (YP2000)

Output Ratings	Prime	Standby
380-415V, 3ph, 50Hz, 1500 rpm	2000 KVA	2200 KVA
	1600 KW	1760 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	4016TAG2A	
Governing Class	ISO 8528G2	
Number of Cylinders	16	
Cylinder Arrangement	60° Vee	
Bore and Stroke mm	160 x 190	
Displacement / Cubic Capacity liters	61.123	
Induction System	Turbocharged	
Cycle	4 stroke, compression ignition	
Combustion System	Direct Injection	
Compression Ratio	13.6:1 nominal	
Rotation	Anti-clockwise (viewed on flywheel)	
Cooling System	Water	
Frequency and Engine Speed	50Hz & 1500rpm	
	Prime	Standby
Gross Engine Power kW (hp)	1766	1937

## FUEL SYSTEM

Fuel Consumption l/hr(US gal/hr)	Engine Speed	1500 rpm
	Standby	212
	Prime Power	209
	75% of Prime Power	203
	50% of Prime Power	202

Fuel Tank Open /Close

## DIMENSIONS AND WEIGHT

Generator Type	Length mm	Width mm	Height mm	Weight kg
Open Type	5700	2780	3540	15100
Close Type	12000	2400	2400	20490

## 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	LSA51.2VL90
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.