



GENERATING SET MODEL (YP300)

Output Ratings	Prime	Standby
230-400V, 3ph, 50Hz, 1500 rpm	300 KVA	330 KVA
	240 KW	264 KW
480V, 3phm 60Hz, 1800 rpm	338 KVA	386 KVA
	264 KW	309 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	1506A-E88TAG5		
Governing Class	Electronic		
Number of Cylinders	6		
Cylinder Arrangement	Vertical line		
Bore and Stroke mm	112 x 149		
Displacement / Cubic Capacity liters	8.8		
Induction System	Turbocharged aftercooled		
Cycle	4 stroke		
Combustion System	Direct Injection		
Compression Ratio	16.1:1		
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)	281	307	

FUEL SYSTEM

Fuel Consumption l/hr(US gal/hr)	Engine Speed	1500 rpm	1800 rpm
	Standby	73	86
	Prime Power	65	77
	75% of Prime Power	48	57
	50% of Prime Power	33	39
Fuel Tank Open /Close		460 L / 582 L	

DIMENSIONS AND WEIGHT

Generator Type	Length mm	Width mm	Height mm	Weight kg
Open Type	3000	1120	1630	2250
Close Type	4130	1430	2100	3450

GEN-SET CANOPY SPECIFICATIONS (OPTIONAL)

Canopy Type	Acoustic / Weatherproof
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 - TAL
Model	LSA-TAL046F
No. of Bearings	1
Insulation Class	H
Total Harmonic Content	on load <2.5%
Wires	12
Ingress Protection	IP23
Excitation System	Shunt
Winding Pitch	2/3 (n° 6)
AVR Model	R250
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.