



GENERATING SET MODEL (YP180)

Output Ratings	Prime	Standby
230-400V, 3ph, 50Hz, 1500 rpm	180 KVA	200 KVA
	144 KW	160 KW
480V, 3phm 60Hz, 1800 rpm	196.9 KVA	218.8 KVA
	157.5 KW	175 KW

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

Ratings at 0.8 Power Factor

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

ENGINE / TECHNICAL DATA

Engine Make	Perkins		
Engine Model	1106A-70TAG3		
Governing Class	ISO 8528-5 G3		
Number of Cylinders	6		
Cylinder Arrangement	Vertical line		
Bore and Stroke mm	105 x 127		
Displacement / Cubic Capacity liters	6.6		
Induction System	Turbocharged, air to air charge cooled		
Cycle	4 stroke		
Combustion System	Direct Injection		
Compression Ratio	16.2:1		
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)	163.3(218.9) (242)	180.4	185.3(248.4) 204.3(274)

FUEL SYSTEM

Fuel Consumption l/hr(US gal/hr)	Engine Speed	1500 rpm	1800 rpm
	Standby	44.0(11.62)	50.5 (13.34)
	Prime Power	40.2 (10.62)	41.3 (10.91)
	75% of Prime Power	31.0 (8.19)	36.8(9.72)
	50% of Prime Power	20.5 (5.42)	25.5 (6.74)
Fuel Tank Open /Close	405 L/ 435 L		

DIMENSIONS AND WEIGHT

Generator Type	Length mm	Width mm	Height mm	Weight kg
Open Type	2850	990	1560	1640
Close Type	3400	1080	1880	2500

ALTERNATOR DATA

Make	Leroy Somer - TAL
Model	LSA-TAL046B
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.