YPS *Generators*

12.5 KVA

POWERED BY: Perkins Diesel Power | LEROY SOMER

GENERATING SET MODEL (YP12.5)

Output Ratings	Prime	Standby
230-400V, 3ph, 50Hz, 1500 rpm	12.5 KVA	13.75 KVA
	10 KW	11 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	403A-15G1
Governing Class	Mechanical
Number of Cylinders	3
Cylinder Arrangement	Vertical in line
Bore and Stroke mm	84 X 90
Displacement / Cubic Capacity liters	1.496
Induction System	Naturally Aspirated
Cycle	4 stroke
Combustion System	Indirect Injection
Compression Ratio	22.5:1
Rotation	Anti-clockwise (viewed from flywheel)
Cooling System	Water - cooled
Frequency and Engine Speed	50Hz & 1500rpm

FUEL SYSTEM

Fuel Consumption l/hr(US gal/hr)	Engine Speed	1500 rpm
	Standby	4.1
	Prime Power	3.7
	75% of Prime Power	2.8
	50% of Prime Power	2.0
	Fuel Tank Open /Close	97 L / 114 L

DIMENSIONS AND WEIGHT

Generator Type	Length mm	Width mm	Height mm	Weight kg
Open Type	1500	610	990	460
Close Type	1790	800	1280	785

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-TAL040C
No. of Bearings	1
Insulation Class	H
Total Harmonic Content	at no load<3% - on load <2%
Wires	12
Ingress Protection	IP23
Excitation System	Shunt
Winding Pitch	2/3 (wdg 6)
AVR Model	R220
Overspeed	2250 mn-1
Voltage Regulation (steady)	± 1%

AREP & PMG Excitation System Available as Optional.

CONTROL PANEL

Make	Deep Sea
Model	DSE6110