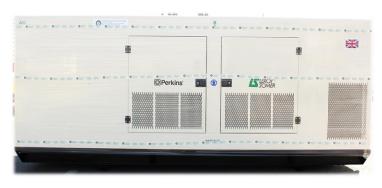


YPS Generators





GENERATING SET MODEL (YP500)			
Output Ratings	Prime Standb		
230-400V, 3ph, 50Hz, 1500 rpm	500 KVA 550		
	400 KW	440 KW	
480V, 3phm 60Hz, 1800 rpm	500 KVA 563 KV		
	400 KW	450 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	2506C-E15TAG2		
Governing Class	ISO 8528-5 G3		
Number of Cylinders	6		
Cylinder Arrangement	Vertical line		
Bore and Stroke mm	137 x 171		
Displacement / Cubic Capacity liters	15.2		
Induction System	Turbocharged and air to air charge cooled		
Cycle	4 stroke		
Combustion System	Direct Injection		
Compression Ratio	16.1		
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)	451 (605) 495 (664)	458 (615) 514 (689)	

GEN-SET CANOPY SPECIFICATIONS (OPTIONAL)		
Сапору Туре	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-TAL047C	
No. of Bearings	1	
Insulation Class	Н	
Total Harmonic Content	On load <2%	
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.		

Fuel Consumption I/hr(US gal/hr)

FUEL SYSTEM

umption l/hr)	Engine Speed	1500 rpm	1800 rpm
	Standby	104 (27.5)	116 (30.6)
	Prime Power	95 (25.1)	102 (26.9)
	75% of Prime Power	72 (19.0)	78 (20.6)
	50% of Prime Power	50 (13.2)	52 (13.7)
Fuel Tank C	pen /Close	950 L / 950 L	

NCIONIC	AND WEIGHT	

Generator Type	Length mm	Width mm	Height mm	Weight kg
Open Type	3750	1120	2150	3660
Close Type	5070	1600	2335	5140

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.