



GENERATING SET MODEL (YP1000)

| Output Ratings | Prime | Standby |
|-------------------------------|----------|----------|
| 230-400V, 3ph, 50Hz, 1500 rpm | 1000 KVA | 1100 KVA |
| | 800 KW | 880 KW |
| 480V, 3phm 60Hz, 1800 rpm | 995 KVA | 1097 KVA |
| | 796 KW | 878 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 | 4008TAG2A | |
| Governing Class | ISO 3046-4 A1 | |
| Number of Cylinders | 8 | |
| Cylinder Arrangement | Vertical line | |
| Bore and Stroke mm | 160 x 190 | |
| Displacement / Cubic Capacity liters | 30.561 | |
| Induction System | Turbocharged and air to air charge cooled | |
| Cycle | 4 stroke | |
| Combustion System | Direct Injection | |
| Compression Ratio | 13.6:1 | |
| 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) | 899 (1206) | 962 (1290) |

FUEL SYSTEM

| | | | |
|-------------------------------------|--------------------|-----------------|-----------|
| Fuel Consumption l/hr(US gal/hr) | Engine Speed | 1500 rpm | 1800 rpm |
| | Standby | 212 (194) | 230 (224) |
| | Prime Power | 210 (172) | 226 (200) |
| | 75% of Prime Power | 210 (130) | 214 (144) |
| | 50% of Prime Power | 213 (90) | 205 (96) |
| Fuel Tank Open /Close | | 1800 L / 1800 L | |

DIMENSIONS AND WEIGHT

| Generator Type | Length mm | Width mm | Height mm | Weight kg |
|----------------|-----------|----------|-----------|-----------|
| Open Type | 4900 | 2050 | 2470 | 7510 |
| Close Type | 12000 | 2400 | 2400 | 14390 |

GEN-SET CANOPY SPECIFICATIONS (OPTIONAL)

| | |
|--------------------------|--------------------------------------|
| Canopy Type | 20ft 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 - TAL |
| Model | LSA-TAL049E |
| No. of Bearings | 1 |
| Insulation Class | H |
| Total Harmonic Content | <4% |
| 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.