



600KVA Genset's Technical Datasheet

| Genset Model | | DYPT 600 |
|--|---|--------------------------|
| Prime Output KVA/ KW | @ 0.8 PF | 600/480 |
| Standby Output KVA/ KW | @ 0.8 PF | 660/528 |
| Engine | | |
| Perkins | | |
| Engine Brand | Perkins | |
| Engine Model | 2806A-E18TAG1 | |
| Engine Speed | 1500rpm | |
| Engine Prime Power Kw(m) | 540 | |
| Engine Standby Power Kw(m) | 593 | |
| Governor Type | Electronic | |
| Number of Cylinders | 6 | |
| Cycle | 4 strokes | |
| Cylinder Arrangement | Vertical in line | |
| Bore and Stroke mm | 145 x 183 | |
| Displacement / Cubic Capacity liters | 18.1 | |
| Compression Ratio | 14.5:1 | |
| Combustion System | Direct Injection | |
| Aspiration | Turbocharged and air to air charge cooled | |
| Rotation viewed from flywheel | Anti-clockwise facing flywheel | |
| Cooling System | (Water & anti-freeze) | |
| Fuel Consumption | | |
| 50% Prime load L/hr. | 61 | |
| 75% Prime load L/hr. | 90 | |
| 100% Prime load L/hr. | 123 | |
| Total Lubrication System Capacity Liters | 62 | |
| Total Coolant Capacity Liters | 61 | |
| Exhaust Temperature: °C after turbo | 568 | |
| Radiator Cooling Fan Air Flow : m3/min | 606 | |
| Recommended Intake Air Flow: m3/min | 606 | |
| Exhaust Gas Flow: m3/min | 96 | |
| ALTERNATOR | | |
| Brand | Leroy Somer TAL | |
| Type | TAL 0473 E* / LSA47.2L9 | |
| No. of bearings | 1 | |
| Insulation class | H | |
| Wires | 12 | |
| Ingress Protection | IP23 | |
| Overspeed R.P.M | 2250 | |
| Voltage Regulation (steady) | ±0.5% | |
| CONTROL PANEL | | |
| Model | Deep Sea | |
| Standard Type / other options available | DSE6110 | |
| Fuel Tank Capacity: liters | 697 | |
| Aproximate Diemensions / Weight | | |
| Open Set | (L*H*W) Kg | (370*225*148) 4720 KG |
| Soundproofed Set | (L*H*W) Kg | (395*250*173) XXX KG |



Standard Specifications

ENGINE



made in UK

STANDARDS

Our gensets comply with the following standards:
BS4999, BS5000, BS5514 IEC60034, VDE0530, NEMA MG
1.22 and ISO 8528.

WARRANTY

with Perkins engines our standard warranty period is
12 months or 600 orking hours which ever comes first