



## 1000KVA Genset's Technical Datasheet

| Genset Model                                    |                 | DYPT 1000                                 |
|---|-----------------|---|
| Prime Output KVA/ KW                            | @ 0.8 PF        | 1000/800                                  |
| Standby Output KVA/ KW                          | @ 0.8 PF        | 1100/880                                  |
| <b>Engine</b>                                   |                 |   |
| <b>Perkins</b>                                  |                 |   |
| Engine Brand                                    |                 | <b>Perkins</b>                            |
| Engine Model                                    |                 | 4008-TAG2A                                |
| Engine Speed                                    |                 | 1500rpm                                   |
| Engine Prime Power Kw(m)                        |                 | 899                                       |
| Engine Standby Power Kw(m)                      |                 | 962                                       |
| Governor Type                                   |                 | Electronic                                |
| Number of Cylinders                             |                 | 8   |
| Cycle   |                 | 4 strokes                                 |
| Cylinder Arrangement                            |                 | Vertical in line                          |
| Bore and Stroke mm                              |                 | 160 x 190                                 |
| Displacement / Cubic Capacity liters            |                 | 30.561                                    |
| Compression Ratio                               |                 | 13.6:1                                    |
| 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)                     |
| <b>Fuel Consumption</b>                         |                 |   |
| 50% Prime load L/hr.                            |                 | 109                                       |
| 75% Prime load L/hr.                            |                 | 163                                       |
| 100% Prime load L/hr.                           |                 | 226                                       |
| Total Lubrication System Capacity Liters        |                 | 153                                       |
| Total Coolant Capacity Liters                   |                 | 149                                       |
| Exhaust Temperature: °C after turbo             |                 | 438                                       |
| Radiator Cooling Fan Air Flow : m3/min          |                 | 1350                                      |
| Recommended Intake Air Flow: m3/min             |                 | 1350                                      |
| Exhaust Gas Flow: m3/min                        |                 | 200                                       |
| <b>ALTERNATOR</b>                               |                 |   |
| <b>Leroy Somer TAL</b>                          |                 |   |
| Brand   |                 | <b>Leroy Somer TAL</b>                    |
| Type  |                 | TAL 049 E / LSA49.1L11                    |
| No. of bearings                                 |                 | 1   |
| Insulation class                                |                 | H   |
| Wires   |                 | 12  |
| Ingress Protection                              |                 | IP23                                      |
| Overspeed R.P.M                                 |                 | 2250                                      |
| Voltage Regulation (steady)                     |                 | ±0.5%                                     |
| <b>CONTROL PANEL</b>                            |                 |   |
| Model Deep Sea                                  |                 |   |
| Standard Type / other options available DSE6110 |                 |   |
| Fuel Tank Capacity: liters N/A                  |                 |   |
| Approximate Dimensions / Weight                 |                 |   |
| Open Set  | ( L*H*W )<br>Kg | (460*232*204)<br>7550 KG                  |
| Soundproofed Set                                | ( L*H*W )<br>Kg | ( 485*257*229)<br>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 working hours whichever ever comes first