



## 650KVA Genset's Technical Datasheet

Genset Model		DYPT 650
Prime Output KVA/ KW @ 0.8 PF		650/520
Standby Output KVA/ KW @ 0.8 PF		715/572
Engine		Perkins
Engine Brand		<b>Perkins</b>
Engine Model		2806A-E18TAG2
Engine Speed		1500rpm
Engine Prime Power Kw(m)		584
Engine Standby Power Kw(m)		628
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.		66
75% Prime load L/hr.		97
100% Prime load L/hr.		132
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		Leroy Somer TAL
Brand		<b>Leroy Somer TAL</b>
Type		TAL 0473 F* / LSA49.1S4
No. of bearings		1
Insulation class		H
Wires		12
Ingress Protection		IP23
Overspeed R.P.M		2250
Voltage Regulation (steady)		±0.5%
CONTROL PANEL		DSE
Model		Deep Sea
Standard Type / other options available		DSE6110
Fuel Tank Capacity: liters		697
Aproximate Diemensions / Weight		
Open Set ( L*H*W )		(380*240*150)
		Kg
		4800 KG
Soundproofed Set ( L*H*W )		(455*275*184)
		Kg
		XXX KG



**Perkins**



**LEROY-SOMER**



**DSE**



### 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 which ever comes first