



300KVA Genset's Technical Datasheet

Genset Model		DYPT 300
Prime Output KVA/ KW @ 0.8 PF		300/240
Standby Output KVA/ KW @ 0.8 PF		330/264
Engine		Perkins
Engine Brand		Perkins
Engine Model		1506A-E88TAG5
Engine Speed		1500rpm
Engine Prime Power Kw(m)		273
Engine Standby Power Kw(m)		299
Governor Type		Electronic
Number of Cylinders		6
Cycle		4 strokes
Cylinder Arrangement		Vertical in line
Bore and Stroke mm		112 x 149
Displacement / Cubic Capacity liters		8.8
Compression Ratio		16.1:1
Combustion System		Direct Injection
Aspiration		Turbocharged, air to air
Rotation viewed from flywheel		Anti-clockwise facing flywheel
Cooling System		(Water & anti-freeze)
Fuel Consumption		
50% Prime load L/hr.		33
75% Prime load L/hr.		48
100% Prime load L/hr.		65
Total Lubrication System Capacity Liters		41
Total Coolant Capacity Liters		37.2
Exhaust Temperature: °C after turbo		573
Radiator Cooling Fan Air Flow : m3/min		426
Recommended Intake Air Flow: m3/min		426
Exhaust Gas Flow: m3/min		
ALTERNATOR		Leroy Somer TAL
Brand		Leroy Somer TAL
Type		TAL046F
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		360
Aproximate Diemensions / Weight		
Open Set (L*H*W)		(270*185*110)
		Kg
		2740 KG
Soundproofed Set (L*H*W)		(425*225*150)
		Kg
		3500 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