



## 20KVA Genset's Technical Datasheet

Genset Model		DYPT 20
Prime Output KVA/ KW @ 0.8 PF		20/16
Standby Output KVA/ KW @ 0.8 PF		22/17.6
<b>Engine</b>		
Engine Brand		<b>Perkins</b>
Engine Model		404A-22G1
Engine Speed		1500rpm
Engine Prime Power Kw(m)		18.7
Engine Standby Power Kw(m)		20
Governor Type		Mechanical
Number of Cylinders		4
Cycle		4 strokes
Cylinder Arrangement		Vertical in line
Bore and Stroke mm		84*100
Displacement / Cubic Capacity liters		2.216
Compression Ratio		23.3:1
Combustion System		Direct Injection
Aspiration		Naturally Aspirated
Rotation viewed from flywheel		Anti-clockwise facing flywheel
Cooling System		(Water & anti-freeze)
Fuel Consumption		
50% Prime load L/hr.		2.9
75% Prime load L/hr.		4
100% Prime load L/hr.		5.3
Total Lubrication System Capacity Liters		10.6
Total Coolant Capacity Liters		7
Exhaust Temperature: °C after turbo		445
Radiator Cooling Fan Air Flow : m3/min		29.4
Recommended Intake Air Flow: m3/min		29.4
Exhaust Gas Flow: m3/min		3.64
<b>ALTERNATOR</b>		
Brand		<b>Leroy Somer TAL</b>
Type		TAL 040 F
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		DSE6120
Fuel Tank Capacity: liters		50
Aproximate Diemensions / Weight		
Open Set ( L*H*W ) Kg		(150*100*60) 485 KG
Soundproofed Set ( L*H*W ) Kg		( 200*130*90) 750 KG



### Standard Specifications

#### ENGINE



#### 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