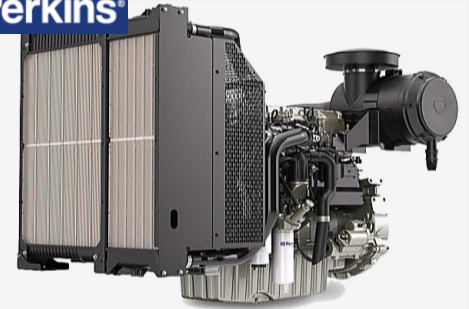




450KVA Genset's Technical Datasheet

Genset Model		DYPT 450
Prime Output KVA/ KW	@ 0.8 PF	450/360
Standby Output KVA/ KW	@ 0.8 PF	495/396
Engine		
Perkins		
Engine Brand	Perkins	
Engine Model	2506-E15TAG1	
Engine Speed	1500rpm	
Engine Prime Power Kw(m)	412	
Engine Standby Power Kw(m)	451	
Governor Type	Electronic	
Number of Cylinders	6	
Cycle	4 strokes	
Cylinder Arrangement	Vertical in line	
Bore and Stroke mm	137 x 171	
Displacement / Cubic Capacity liters	15.2	
Compression Ratio	16:01	
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.	50	
75% Prime load L/hr.	72	
100% Prime load L/hr.	95	
Total Lubrication System Capacity Liters	62	
Total Coolant Capacity Liters	58	
Exhaust Temperature: °C after turbo	550	
Radiator Cooling Fan Air Flow : m3/min	660	
Recommended Intake Air Flow: m3/min	660	
Exhaust Gas Flow: m3/min	71.4	
ALTERNATOR		
Brand	Leroy Somer TAL	
Type	TAL047C / LSA47.2M7	
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	705	
Aproximate Diemensions / Weight		
Open Set	(L*H*W) Kg	(370*210*113) 3790 KG
Soundproofed Set	(L*H*W) Kg	(395*235*138) 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