



GENERATOR MODEL:

P 450

Frequency/Speed - Voltage	50HZ/1500RPM	-230/400V
Prime Power	450 KVA	360 KW
Standby Power	495 KVA	396 KW

Features:

- Warranty: 1 year or 1000 hours.
- Low fuel shutdown safety.
- 24/7 after sales support.
- Generator made by OEM Perkins-UK
- Perkins as the world's leading power Power manufacturer science 1932.
- Advance digital control system, Long service life, Easy to Operate, Low Fuel consumption, Anti vibrating Isolators.
- Automatic start (optional) ecofriendly.
- Easy and economical availability of Spares.





Engine

Perkins-UK, Model 2506A-E15TAG1, in accordance to ISO3046, ISO 8528, DIN 6271



Alternator

Leroy Somer-France / Meccalte-UK Stamford UK Complying to the following Norms:CEE/CE12/3/EN60034-1 / IEC34-1/VDE



Control Panel

Deep Sea DSE-4520, Made in UK, Complying to the norms: Comply to the norms BS EN 61000, BS EN 60950, BS EN 60068



Fuel Tank

TBA.



Dimensions

(LXWXH) = 53"x44"x81"

PERKINS ENGINE TECHNICAL DATA

MODEL: 2506A-E15TAG1



Number Of Cylinders	6
Engine Build	In Line
Bore	137 mm
Stroke	171 mm
Displacement	15.2 L
Compression Ratio	16:1
Aspiration	Turbocharged
Cooling	Air to Air
Fuel Tank	Built in fuel tank for at least 10 hours operation @ full load
Fuel System	75 % Direct Injection
Fuel Recommended	N° Diesel
	1500 RPM



Delivery Flow Rate (Ir/hr)

COOLING SYSTEM		
— AIR INLET		

Fuel Consumption	
100% Load (g/kwh-L/hr)	95
75% Load (g/kwh-L/hr)	72
50% Load (g/kwh-L/hr)	50
Engine Coolant Capacity	58 L
Air Flow Radiator	12033.3 l/s
Radiator with 50 degree ambient	
Cooling Package & Air Cleaner	
Thermostatically-Cntroled	
Air Intake Engine (Clean Filter/Dirty	3.7 KPa



Air Intake Engine (Clean Filter/Dirty)	3.7 KPa
Exhaust Gas Tempreature	ТВА
Exhaust Gas Flow (Prime)	1190 l/s
Maximum Exhaust System Back	
Pressure	6.8 KPa
Stainless Steel Exhaust Flex	



Cranking Battery Voltage	24 V
Battery Charging Alternator	70 A
DC Vlotage Monitoring Via	

HEAT REJECTION
(PRIME)

Radiated Heat to Ambient	27.2 KW
Heat Rejection to Coolant	134 KW
Heat Rejection to Exhaust	286 KW
Heat Rejection to intercooler	60 KW



Lubricating Capacity: TBA

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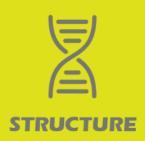
Mechanical

ALTERNATOR TECHNICAL DATA









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Insulation System	Class H
Winding Pitch	2/3 to Minimize Harmonics effects
Number of Poles	4
Number of Bearings	Single Bearing
RPM	1500 RPM
Power Factor	0.8/1
Regulation	± 1%
Frequency	50 Hz
Voltage Range	380-415 / 220-240
IP Rating (Protection)	lp23
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Synchronous, 3/1 phase, Brushless & Self Excited

NOTE: Alternator Brand & Model Subject to Availability.

CONTROL MODULE

DEAP SEA MODEL: DSE 6020

- Operating Hours
- 3 Phase Generator Voltage Sensing & Monitoring
- Current Protection & Monitoring
- Power Measurement (kW, kVA, kVAr, kWh, kVAh, kVArh, pf)
- Ø Oil Pressure/Coolant Temperature
- Battery Voltage Monitoring (DC)
- ⊗ Alarm Acknowledge
- ⊗ Engine Cool Down Timer
- Emergency Stop Push button/ Alarm Acknowledge
- ⊗ Warm-up Timer
- Engine Cycle Crank
- Crank Disconnect (Failure to Start)

- High Water Temperature

- Compatible With CAN Engines
- License Free Software
- Largest Backlit Icon Display In Its Class
- Fully Configured Via The Fascia Or Pc Using Usb
- Efficient Power Save Mode



INDICATIONS



CONTROL



WARNING &
SHUTDOWN ALARMS



FEATURES

AUTHORIZED DEALER:

Disclaimer: In line with continuous product development, we reserve the right to change specifications without notice.