



**GENERATOR MODEL:** 

P 250

Frequency/Speed - Voltage	50HZ/1500RPM	-230/400V
Prime Power	250 KVA	200 KW
Standby Power	275 KVA	220 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 1506A-E88TAG3, 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**

 $(L \times W \times H) = 112" \times 36" \times 66"$ 

## **PERKINS ENGINE TECHNICAL DATA**

MODEL: 1506A-E88TAG3









**AIR INLET** 



Number Of Cylinders	6
Engine Build	In Line
Bore	116.6 mm
Stroke	135.9 mm
Displacement	8.7 L
Compression Ratio	16.9:1
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)

54
36
31
37.2 L
ТВА
у) ТВА
579°C
ТВА
10.7 Kpa



Cranking Battery Voltage	24 V
Battery Charging Alternator	50 A
DC Vlotage Monitoring Via	

HEAT REJECTION		
(PRIME)		

Radiated Heat to Ambient	8 KW
Heat Rejection to Coolant	96 KW
Heat Rejection to Exhaust	174 KW
Heat Rejection to intercooler	37 KW



**Lubricating Capacity: TBA** 

**♥** GOVERNOR

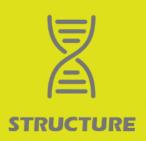
Mechanical

## **ALTERNATOR TECHNICAL DATA**









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.