



**GENERATOR MODEL:** 

P 300

| Frequency/Speed -<br>Voltage | 50HZ/1500RPM-230/400V |        |
|------------------------------|-----------------------|--------|
| Prime Power                  | 300 KVA               | 240 KW |
| Standby Power                | 330 KVA               | 264 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-E88TAG5, 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**

8 Hours @ Continuous Operation.



#### **Dimensions**

(LXWXH) = 28"x42"x68"

## **PERKINS ENGINE TECHNICAL DATA**

MODEL: 1506A-E88TAG5

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| -                 |  |
|-------------------|--|
| Engine Build      | In Line  |
| Bore              | 112 mm   |
| Stroke            | 149 mm   |
| Displacement      | 8.8 L  |
| Compression Ratio | 16.1:1   |
| 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)**

**Fuel Consumption** 

**Number Of Cylinders** 

| (196)65    |  |
|------------|--|
| (195)48    |  |
| (198)33    |  |
| 51.4 L     |  |
| 437.7      |  |
|            |  |
|            |  |
|            |  |
| y) 2.5 KPa |  |
| 561        |  |
| 574(1065)  |  |
|            |  |
| 10 Кра     |  |
|            |  |
|            |  |









| Cranking Battery Voltage    | 24 V |
|-----------------------------|------|
| Battery Charging Alternator | 45 A |
| DC Vlotage Monitoring Via   |      |

| <b>HEAT REJECTION</b> |
|-----------------------|
| (PRIME)               |

| Radiated Heat to Ambient      | 887 Btu/min   |
|-------------------------------|---------------|
| Heat Rejection to Coolant     | 2488 Btu/min  |
| Heat Rejection to Exhaust     | 12315 Btu/min |
| Heat Rejection to intercooler | 2487 Btu/min  |
|                               |               |



**Lubricating Capacity: TBA** 

**♥** GOVERNOR

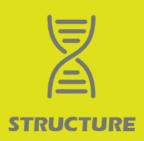
Mechanical

# **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                              |

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)
- Frequency Monitoring (Hz)
- ⊗ 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
- ⊗ Low Fuel Level
- User Friendly
- Compatible With CAN Engines
- License Free Software
- Largest Backlit Icon Display In Its Class
- Fully Configured Via The Fascia Or Pc Using Usb



**INDICATIONS** 



CONTROL



WARNING &
SHUTDOWN ALARMS



**FEATURES** 

**AUTHORIZED DEALER:** 

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