

**GENERATOR MODEL: P 200**

Frequency/Speed - Voltage	50HZ/1500RPM-230/400V	
Prime Power	200 KVA	160 KW
Standby Power	220 KVA	176 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 1106A-70TAG4/1506A-E88TAG1, 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-6020, Made in UK, Complying to the norms: Comply to the norms BS EN 61000, BS EN 60950, BS EN 60068



### Sound Proof Canopy

Durable and Weather proof with maximum service Accessibility and minimum Foot Prints



### Base Frame

Iron frame with Anti-Vibration pads & Built in fuel tank

# PERKINS ENGINE TECHNICAL DATA

MODEL: 1106A-70TAG4/1506A-E88TAG1



## STRUCTURE

<b>Number Of Cylinders</b>	6
<b>Engine Build</b>	In Line
<b>Bore</b>	105 mm
<b>Stroke</b>	135 mm
<b>Displacement</b>	7.0 L
<b>Compression Ratio</b>	16.0:1
<b>Aspiration</b>	Turbocharged
<b>Cooling</b>	Air to Air



## FUEL

<b>Fuel Tank</b>	Built in fuel tank for at least 10 hours operation @ full load
<b>Fuel System</b>	75 % Direct Injection
<b>Fuel Recommended</b>	N° Diesel
	1500 RPM

### Delivery Flow Rate (l/hr)

<b>Fuel Consumption</b>	
100% Load (g/kwh-L/hr)	40.2
75% Load (g/kwh-L/hr)	35
50% Load (g/kwh-L/hr)	19.7



## COOLING SYSTEM

<b>Engine Coolant Capacity</b>	27 L
<b>Air Flow Radiator</b>	TBA
Radiator with 50 degree ambient	
Cooling Package & Air Cleaner	
Thermostatically-Cntroled	



## AIR INTAKE

<b>Air Intake Engine (Clean Filter/Dirty)</b>	TBA
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## EXHAUST SYSTEM

Exhaust Gas Temperature	TBA
Exhaust Gas Flow (Prime)	TBA
Maximum Exhaust System Back Pressure	6 Kpa
Stainless Steel Exhaust Flex	



**DC SYSTEM  
STARTING/CHARGING**

<b>Cranking Battery Voltage</b>	<b>12 V</b>
<b>Battery Charging Alternator</b>	<b>85 A</b>
<b>DC Voltage Monitoring Via</b>	



**HEAT REJECTION  
(PRIME)**

<b>Radiated Heat to Ambient</b>	<b>TBA</b>
<b>Heat Rejection to Coolant</b>	<b>TBA</b>
<b>Heat Rejection to Exhaust</b>	<b>TBA</b>
<b>Heat Rejection to intercooler</b>	<b>TBA</b>



**LUBE SYSTEM**

<b>Lubricating Capacity: 16.5 LTRS</b>
<b>Electronic</b>



**GOVERNOR**

**ALTERNATOR TECHNICAL DATA**



**STRUCTURE**

<b>Insulation System</b>	<b>Class H</b>
<b>Winding Pitch</b>	<b>2/3 to Minimize Harmonics effects</b>
<b>Number of Poles</b>	<b>4</b>
<b>Number of Bearings</b>	<b>Single Bearing</b>
<b>RPM</b>	<b>1500 RPM</b>
<b>Power Factor</b>	<b>0.8</b>
<b>Regulation</b>	<b>± 1%</b>
<b>Frequency</b>	<b>50 Hz</b>
<b>Voltage Range</b>	<b>380-415 / 220-240</b>
<b>IP Rating (Protection)</b>	<b>Ip23</b>

Synchronous, 3/1 phase, Brushless & Self Excited

**NOTE: Alternator Brand Subject to Availability.**

# CONTROL MODULE

DEAP SEA MODEL: DSE 6020



## INDICATIONS

- ✔ Operating Hours
- ✔ 3 Phase Generator Voltage Sensing & Monitoring
- ✔ Current Protection & Monitoring
- ✔ Power Measurement (kW, kVA, kVA<sub>r</sub>, kWh, kVAh, kVA<sub>r</sub>h, pf)
- ✔ Frequency Monitoring (Hz)
- ✔ Oil Pressure/Coolant Temperature
- ✔ Battery Voltage Monitoring (DC)
- ✔ Alarm Acknowledge



## CONTROL

- ✔ Engine Cool Down Timer
- ✔ Emergency Stop Push button/ Alarm Acknowledge
- ✔ Warm-up Timer
- ✔ Load Switching Timer
- ✔ Engine Cycle Crank



## WARNING & SHUTDOWN ALARMS

- ✔ Generator Over/Under Voltage & Frequency
- ✔ Crank Disconnect (Failure to Start)
- ✔ Under/Over Speed
- ✔ Over Current
- ✔ Low Oil Pressure
- ✔ High Water Temperature
- ✔ Low Fuel Level
- ✔ Low Water Level



## FEATURES

- ✔ 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
- ✔ Efficient Power Save Mode

AUTHORIZED DEALER: