

GENERATOR MODEL: P 350

| | | |
|---------------------------|-----------------------|--------|
| Frequency/Speed - Voltage | 50HZ/1500RPM-230/400V | |
| Prime Power | 350 KVA | 280 KW |
| Standby Power | 385 KVA | 308 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 2206A-E13TAG2 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: 2206A-E13TAG2



STRUCTURE

| | |
|----------------------------|--------------|
| Number Of Cylinders | 6 |
| Engine Build | In Line |
| Bore | 130 mm |
| Stroke | 157 mm |
| Displacement | 12.5 L |
| Compression Ratio | 16.3:1 |
| Aspiration | Turbocharged |
| Cooling | Air to Air |



FUEL

| | |
|-------------------------|--|
| 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 (l/hr)

| | |
|-------------------------|----|
| Fuel Consumption | |
| 100% Load (g/kwh-L/hr) | 71 |
| 75% Load (g/kwh-L/hr) | 54 |
| 50% Load (g/kwh-L/hr) | 37 |



COOLING SYSTEM

| | |
|---------------------------------|-----------|
| Engine Coolant Capacity | 51.4 L |
| Air Flow Radiator | 10900 l/s |
| Radiator with 50 degree ambient | |
| Cooling Package & Air Cleaner | |
| Thermostatically-Cntroled | |



AIR INTAKE

| | |
|---|---------|
| Air Intake Engine (Clean Filter/Dirty) | 2.5 KPa |
|---|---------|



EXHAUST SYSTEM

| | |
|---|-----------|
| Exhaust Gas Temperature | 630°C |
| Exhaust Gas Flow (Prime) | 943.3 l/s |
| Maximum Exhaust System Back Pressure | 6.8 KPa |
| Stainless Steel Exhaust Flex | |



**DC SYSTEM
STARTING/CHARGING**

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



**HEAT REJECTION
(PRIME)**

| | |
|-------------------------------|----------|
| Radiated Heat to Ambient | 24.1 KW |
| Heat Rejection to Coolant | 113.5 KW |
| Heat Rejection to Exhaust | 213.2 KW |
| Heat Rejection to intercooler | 64.8 KW |
| | |

LUBE SYSTEM

Lubricating Capacity: 40 LTRS

GOVERNOR

Electronic

ALTERNATOR TECHNICAL DATA



STRUCTURE

| | |
|------------------------|-----------------------------------|
| 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 |
| Regulation | ± 1% |
| Frequency | 50 Hz |
| Voltage Range | 380-415 / 220-240 |
| IP Rating (Protection) | Ip23 |

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_r, kWh, kVAh, kVA_rh, 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: