



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, 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

The overall fuel tank capacity of 200 KVA Perkins 160 LTR.



Dimensions

 $(L \times W \times H) = 118 \times 46 \times 55$

PERKINS ENGINE TECHNICAL DATA

MODEL: 1106A-70TAG4



Number Of Cylinders	6
Engine Build	In Line
Bore	105 mm
Stroke	135 mm
Displacement	7.0 L
Compression Ratio	16.0:1
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)	40.2
75% Load (g/kwh-L/hr)	35
50% Load (g/kwh-L/hr)	19.7
Engine Coolant Capacity	27 L
Air Flow Radiator	ТВА
Radiator with 50 degree ambient	
Cooling Package & Air Cleaner	
Thermostatically-Cntroled	



Air Intake Engine (Clean Filter/Dirty)	ТВА
Exhaust Gas Tempreature	ТВА
Exhaust Gas Flow (Prime)	ТВА
Maximum Exhaust System Back	
Pressure	6 Kpa
Stainless Steel Exhaust Flex	



Cranking Battery Voltage	12 V
Battery Charging Alternator	85 A
DC Vlotage Monitoring Via	

	Radiated Heat to Ambient	
I E	Heat Rejection to Coolant	
<u>∏</u> ≡	Heat Rejection to Exhaust	
HEAT REJECTION	Heat Rejection to intercooler	
(PRIME)		

TBA TBA TBA

LUBE SYSTEM **©**o GOVERNOR

Lubricating Capacity: 16.5 LTRS

Mechanical

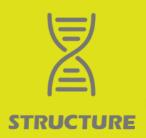
ALTERNATOR TECHNICAL DATA







TBA



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)
- ⊗ 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

- 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.