



GENERATOR MODEL: P 20

Frequency/Speed - Voltage	50HZ/1500RPM-230/400V	
Prime Power	20 KVA	16 KW
Standby Power	22 KVA	17.6 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 404A-22G, 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 20 KVA Perkins 60 LTR.



Dimensions

 $L \times W \times H = 57"*24"*47"$

PERKINS ENGINE TECHNICAL DATA

MODEL: 404A-22G

In Line

84 mm

100 mm

2.2 L

23.3:1

Natural

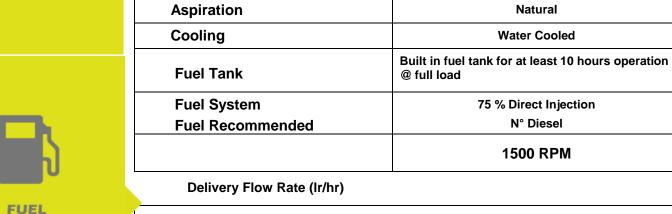
Water Cooled

75 % Direct Injection

N° Diesel

1500 RPM





Number Of Cylinders

E ngine Build

Displacement

Compression Ratio

Bore

Stroke



COOLING SYSTEM



AIR INLET



5.3
4
2.9
7L
490 l/s
3 / 6.4 KPa
445°C
60.61/s
10.2 Kpa



Cranking Battery Voltage	12 V
Battery Charging Alternator	65 A
DC Vlotage Monitoring Via	

Radiated Heat to Ambient	3.5 KW
Heat Rejection to Coolant	17 KW
Heat Rejection to Exhaust	14 KW
Heat Rejection to intercooler	0



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HEAT REJECTION (PRIME)

Lubricating Capacity: 10.6 LTRS

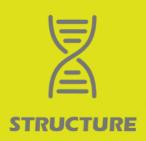
Mechanical

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 4520

- Operating Hours
- 3 Phase Generator Voltage Sensing & Monitoring
- Power Measurement (kW, kVA, kVAr, kWh, kVAh, kVArh, pf)

- Battery Voltage Monitoring (DC)

- Emergency Stop Push button/ Alarm Acknowledge
- ⊗ Warm-up Timer
- Engine Cycle Crank



INDICATIONS

CONTROL

WARNING &

SHUTDOWN ALARMS

FEATURES

- License Free Software
- Fully Configured Via The Fascia Or Pc Using Usb
- Efficient Power Save Mode

AUTHORIZED DEALER:

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