



ENGINE SPECIFICATIONS

Brand / Model	: PERKINS / 403A-15G1
No. Of Cylinders	: 3 In-line
Displacement [lt]	: 1496cc
Aspiration	: Natural
Bore[mm]xStroke[mm]	: 84x90
Compression Ratio	: 22,5:1
Total Coolant Capacity	: 6 liters
Governor Type	: Mechanical
Electrical System/Current	: 12VDC - 15A
Oil Capacity	: 6 liters
Air Flow PRP [m3/min]	: 1,1



STANDARD FEATURES

- 4 stroke 1500RPM, water cooled heavy duty diesel engine
- Dry type replaceable air filter
- Flexible oil pipes and oil draining valve
- Preheater 4 poles synchrontype, single bearing, brushless alternator
- Batteries and cables
- Electrical wiring diagram
- Electronic battery charger
- Electrostatic paint coated, steel, welded chassis
- Fuel tank housed in the chassis with Industrial type silencer
- Protection system on manual run
- Lubrication oil and anti - freeze
- User manual and operating manual
- 24 / 7 online technical support

	STANDBY(kVA-kW)	PRIME(kVA-kW)
POWER	15/12	13/10,4
RATED SPEED/rpm	1500	
STANDARD VOLTAGE	400/230V	
FREQUENCY/RATED PF	50 Hz / 0,8	
Lenght/Widht/Height(mm) - Weight(Kgs)		
OPEN SKID	CANOPY TYPE	
1410/720/1070-445Kgs	1765/720/1240-640Kgs	



ALTERNATOR SPECIFICATIONS

Voltage	: 400 /230 VAC
No. Of Phase	: 3
Power Factor	: 0,8
No. Of Poles/Bearing	: 4 / Single
Connection Type	: Star
Insulation/Protection Class	: H / IP23
Winding	: 2/3
Control System	: Self Excited
Voltage Regulator	: Electronic AVR
Efficiency 4/4 400VAC	: 88,6
Voltage Regulation	: ±%1



FUEL CONSUMPTION(It)

110% : 4,08
100% : 3,67
75% : 2,79
50% : 2,05

Fuel Tank Capacity(It)

42



CONTROL PANEL



- DATAKOM or DEAPSEA Control Module
- IP65 front panel - Multiple Language Support
- Automatic/Manual/Test operation modes
- Statistical Record - Grid Voltage Control
- Grid and Generator phase order control
- RS-485 Communication - GPRS - Ethernet connection
- Automatic transfer switching control/motor control

ESP: Emergency Standby Power is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP.

PRP: Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 hours of operation shall not exceed 70 % of the PRP.