

Technical Data

| Technical Data | | |
|--|-----------|---|
| Model | | AJ- 50P |
| Prime power | kva | 45 |
| Filitie power | kw | 36 |
| Standby power | kva | 50 |
| Startuby power | kw | 40 |
| Rated voltage line to line | V | 230/400 |
| Rated current | Α | 64,8 |
| Maximun sound level | dB@7m | 70 |
| Engine-Perkins | | |
| Model | | 1103A-33TG1 |
| Aspiration | | Four-stroke, water-cooled, In line, Turbo charged |
| Fuel system | | Direct injection |
| No. cylinders | | 3 |
| Displacement | L | 3,3 |
| Bore*Stroke | mm | 105x127 |
| Compression ratio | | 17.25:1 |
| Rated speed | r/min | 1500 |
| Governor | | mechanical |
| Engine size | mm | 1049x634x951 |
| Engine wet weight | kg | 420 |
| Fire order Start Motor | W | 1-2-3 |
| | V | 12 |
| Rotation | | Anti-clockwise, viewed on the flyweel |
| Air Inlet | | mounted air filter |
| Air inlet Fuel System | | mounted air filter |
| mechanical governor | | cassette type fuel pump |
| ruel filter | | ** |
| Fuel System | | next generator fuel filter |
| 110% load(Standby power) | L/h | 11,7 |
| 100% load(Standby power) | L/h | 10,8 |
| 75% load(Prime power) | L/h | 8,23 |
| 50% load(Prime power) | L/h | 5,83 |
| Fuel capacity | L | 115 |
| Lubrication System | _ | |
| Oil capacity | L | 7,9 |
| Cooling System | | |
| Total coolant capacity | L | 10,2 |
| Standard Features | | - , |
| Engine(Perkins ENGINE) | | • |
| Radiator 50°C max,fans are driven by belt | | • |
| 12V charge alternator | | • |
| Alternator: single bearing alternator IP23 | | • |
| nsulation class H/H | | • |
| Standard auto control system | | • |
| Main line circuit breaker / ACB | | • |
| Base fuel tank | | • |
| 12V batteries, rac and cable | | • |
| Exhaust system(Ripple flex exhaust pipe) | | • |
| Exhaust siphon, flange, muffler | | • |
| User manual | | • |
| Battery charge | | • |
| Options | | |
| Water heater | | 0 |
| Alternator heater | | 0 |
| One set of air filter, fuel filter, oil filter | | 0 |
| PMG | | 0 |
| Water oil separator | | 0 |
| Daily fuel tank | | 0 |
| Remote control panel | | 0 |
| Automatic transfer switch/ATS | | 0 |
| Switch box | Ontions | 0 |
| Standard: ● | Options:0 | |
| | | |

Alternator Model TAL-A42-F Leroy Somer Alternator Brand Phase 3 Voltage 230/400 V Wiring Type 12 wires Bearing Power factor 0,8 Hz 50 Frequency KVA 45 Prime power Exciter Type Brushless, self-excitation Voltage regulation % ±0.5 Protection Grade IP 23 Insulation grade Н

Controller-Deepsea

Model 7 configurable digital inputs

Built-in governor and AVR control Base load (kW export) functionality Mains (utility) de-coupling protection Generator power (kW, kVA) monitoring Overload (kW & kV Ar) protection

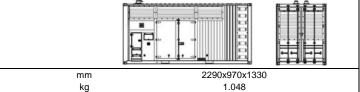
Emergency stop

Start failure



DSE 6120

Unit Dimensions(Basic unit)



Warranty

Perkins Engine

12 months from date of purchase or 1000 hours.

L*W*H

Weight

12 months from date of purchase or 1000 hours



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