



Technical Data

| Model | | 1100kva |
|--------------------------------|-------|----------------|
| Prime power | kva | 1000 |
| | kw | 800 |
| Standby power | kva | 1100 |
| | kw | 880 |
| Rated voltage line to line | V | 400 |
| Rated current | A | 1443 |
| Maximun sound level for silent | dB@7m | 78 |

| Engine-Perkins | | |
|-----------------------|-------|---|
| Model | | 4008-TAG2A |
| Aspiration | | 4 stroke, Vertical, In line, Turbo charged, |
| Fuel system | | Direct injection |
| No. cylinders | | 8 |
| Displacement | L | 30,561 |
| Bore*Stroke | mm | 160x190 |
| Compression ratio | | 13.6:1 |
| Rated speed | r/min | 1500 |
| Governor | | Electric |
| Engine size | mm | 3852x2046x2067 |
| Engine wet weight | kg | 4320 |
| Fire order | | 1-4-7-6-5-8-5-2-3 |
| Start Motor | V | 24 |
| Rotation | | Anti-clockwise, viewed on the flyweel |

| Air inlet | | |
|------------------|----|-----|
| clear filter | mm | 127 |
| dirty filter | mm | 380 |

| Fuel system | | |
|-----------------------------|-----|------------------------|
| type of injection system | | Combined unit injector |
| Fuel delivery pump pressure | kpa | 300 |

| Fuel System | | |
|---------------------------------|-----|---------|
| 110% load(Standby power) | L/h | 286 |
| 100% load(Prime power) | L/h | 226 |
| 75% load(Prime power) | L/h | 163 |
| 50% load(Prime power) | L/h | 109 |
| Fuel capacity for silent genset | L | 1460 |
| Fuel capacity for open genset | L | without |

| Lubrication System | | |
|---------------------------|---|-----|
| Oil capacity | L | 153 |

Cooling System

| | | |
|------------------------|---|-----|
| Total coolant capacity | L | 149 |
|------------------------|---|-----|

Standard Features

| | |
|--|---|
| Engine(Perkins ENGINE) | ● |
| Radiator 50°C max,fans are driven by belt | ● |
| 24V charge alternator | ● |
| Alternator: single bearing alternator IP23 | ● |
| insulation class H/H | ● |
| Standard auto control system | ● |
| Main line circuit breaker / ACB | ● |
| Base fuel tank | ● |
| 24V batteries, rac and cable | ● |
| Exhaust system(Ripple flex exhaust pipe) | ● |
| Exhaust siphon, flange, muffler | ● |
| User manual | ● |
| Battery charge | ● |
| Water heater | ● |

Alternator

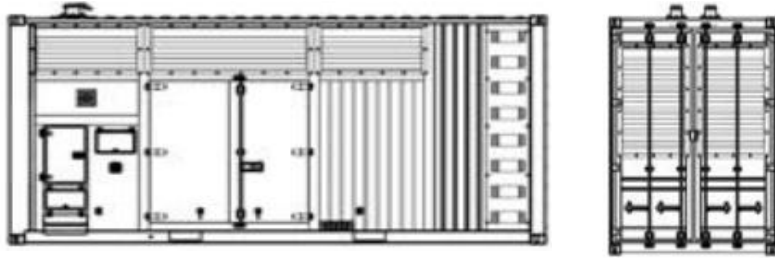
| | | |
|--------------------|-----|----------------------------|
| Model | | TAL-49-E |
| Alternator Brand | | Leroy Somer |
| Phase | | 3 |
| Voltage | V | 400 |
| Wiring Type | | 6 wires |
| Bearing | | 1 |
| Power factor | | 0,8 |
| Frequency | Hz | 50 |
| Prime power | KVA | 1000 |
| Exciter Type | | Brushless, self-excitation |
| Voltage regulation | % | ±0.5 |
| Protection Grade | | IP 23 |
| Insulation grade | | H |

Controller-Deepsea

| | |
|---|----------|
| Model | DSE 8610 |
| 7 configurable digital inputs&Synchro use | |
| 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 | |



Unit Dimensions(Basic unit)



Silent Type

| | | |
|--------|----|----------------|
| L*W*H | mm | 6096x2438x2896 |
| Weight | kg | 11500 |

Warranty

Perkins Engine

12 months from date of purchase or 1000 hours.

Generator

12 months from date of purchase or 1000 hours

(whichever comes first).

