

YL20 20kVA

ENGINE

| | |
|---------------------------------|--------------------|
| Make | Yanmar |
| Engine model (400V) | 4TNV84T-GGE |
| Cylinders | 4 Vertical in line |
| Air intake | Turbo Charged |
| RPM speed | 1500 |
| Continuous Power | (1500 RPM): 19.1kW |
| Maximum Power | (1500 RPM): 21kW |
| Governor | Mechanical |
| Cooling Water capacity Radiator | 2.7L |
| Lubricant oil Capacity | 7.4L |
| Fuel Consumption at 100% load | 4.99 L/h |
| Fuel Consumption at 75% load | 3.74 L/h |
| Battery / Starter Motor | 12V DC / 1.1kW |



Water jacket heater & oil extraction pump included as standard equipment

DIMENSIONS AND WEIGHT

| | |
|--|----------------|
| Length | 1970 mm |
| Width | 950 mm |
| Height (Standard Tank / 500L Tank) | 1112 / 1595 mm |
| Dry Weight (Standard Tank / 500L Tank) | 920 / 950 kg |

RATINGS & FEATURES

| | | |
|------------------------|--------------------------------|---------|
| Voltage & Frequency | 400V 50Hz | 3ph |
| Prime | 20kVA | 16.0 kW |
| Standby | 22kVA | 17.3kW |
| Fuel Tank | Bunded | 140L |
| Optional Large Tank | Bunded | 500L |
| Operating Temperature | -15°C to | 40°C |
| Canopy (Powder Coated) | Galvanised Doors & Walls | |
| | Stainless Steel Roof & Exhaust | |
| Noise Level (dB @ 7m) | 0% Load: | 60 dB |
| Extra Quiet | 75% Load: | 63 dB |

OPTIONS

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|-----------------------------|
| External ATS |
| Remote Control & Monitoring |
| Trailer |

ALTERNATOR

| | |
|-------------------------|---|
| Description | Leroy Somer |
| Alternator model | LSA42.3 VS1 |
| | Override 23kVA with System 4 protection level |
| Exciter Type | Single bearing, Brushless SHUNT |
| Speed / Frequency | 1500RPM / 50Hz |
| Voltage / Power Factor | 400V / 0.8 |
| Voltage adjustment | 5% plus or Minus |
| Winding Pitch / # Wires | P2/3 / 12 |
| Insulation Grade | H/H |
| Protection Grade | IP23 |


CONTROL SYSTEM

| | |
|---------------------|----------------------------------|
| Model | ComAp AMF25 |
| Circuit Breaker ABB | XT1C160 TMD40-450 FF 3P |
| Protections | Low Oil pressure/Low Oil level |
| | Oil Temperature |
| | Water Level / Water Temperature |
| | Overspeed / Overcrank / Overload |
| | Over / Low Voltage & Frequency |
| | Over Current |

