1. ENGINE
Perkins four stroke heavy duty high performance industrial type diesel engine.

2. ENGINE FILTRATION SYSTEM
• Two Cartridge type dry air filters.
• Cartridge type fuel filter.
• Three Full flow lube oil filters.
All filters have replaceable elements.

3. TROPICAL COOLING RADIATOR
Radiator and cooling fan, complete with safety guards, designed to cool the engine at high ambient temperatures (consult your dealer for de-ration factors)

4. EXHAUST SYSTEM
Heavy duty Industrial Exhaust Silencer

5. CIRCUIT BREAKER TYPE
ABB 3 pole MCCB. (4 pole is optional)

DSE7320 is an Auto Mains (Utility) Failure Control Module. It is operated via the START, STOP, AUTO and MANUAL soft touch membrane buttons on the front panel. DSE7320 can be controlled remotely using either a GSM Modem, Ethernet via DSE860/865 or via RS485.

Protection:
• Fail to start
• Low oil pressure
• High engine temperature
• U/O Voltage shutdown
• U/O Frequency shutdown
• Underspeed, Overspeed
• Loss of engine speed detection
• High/Low battery voltage
• KW overload
• Unbalanced load
• Low fuel alarm (if fitted)
• Battery charger failure (if fitted)

ALTERNATOR DATA
Make: Leroy Somer
Model: TAL 049C
No. of bearings: 1
Insulation class: H
Total Harmonic Content: <3.5%
Wires: 6
Ingress Protection: IP23
Excitation System: SHUNT
Winding Pitch: 2/3 (n° 6)
AVR Model: R150
Overspeed: 2250 m/min
Voltage Regulation (steady): ± 1%
Short Circuit Capacity: PMG Excitation System Available as Optional.

POWERED BY:
Perkins Diesel Power
Leroy Somer

GENERATING SET MODEL (JP750)
Output Ratings Prime Standby
380-415 V, 3 ph, 50 Hz, 1500 rpm 746 KVA 821 KVA
596.8 KVA 656.8 KVA

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Winding Pitch: 2/3 (n° 6)
AVR Model: R150
Overspeed: 2250 m/min
Voltage Regulation (steady): ± 1%
Short Circuit Capacity: PMG Excitation System Available as Optional.

CONTROL PANEL
Make: Deep Sea
Model: DSE7320

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• KW overload
• Unbalanced load
• Low fuel alarm (if fitted)
• Battery charger failure (if fitted)

（Please refer to DSE7320 brochure for more details）

AN INSPIRED DESIGN TO MEET YOUR NEEDS

(Contd.)

ENGINE / TECHNICAL DATA
Engine Make: Perkins
Engine Model: 4006 - 23TAG2A
Governing Type: Digital
Number of Cylinders: 6
Cylinder Arrangement: Vertical in line
Bore and Stroke: 160 x 190
Displacement / Cubic Capacity: 22.921 litres
Induction System: Turbocharged and air to air charge cooled
Cycle: 4 stroke
Combustion System: Direct Injection
Compression Ratio: 13:6:1
Rotation: Anti-clockwise, viewed on flywheel
Cooling System: Water - cooled
Frequency and Engine Speed: 50Hz & 1500rpm

DIMENSIONS AND WEIGHT
Length cm: 449
Width cm: 171
Height cm: 216.5
Weight* kg (wet): 3680

* For skid mounted genset without enclosure
wet weight = with lube oil and coolant
RATINGS DEFINITION

Prime Power
These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. 10% overload power is available for 1 hour in 12 hours continuous operation.

Standby Power
These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings.

STANDARD REFERENCE CONDITIONS
Output ratings are presented at 25°C air inlet temperature, barometric pressure 100 kPa, relative humidity 30%. This generating set is designed to operate at high ambient temperatures (up to 55°C), humidity (up to 99%) and higher altitudes. De-rating may apply, please consult your dealer for specific site ratings.

Some of the specifications are not standard on all Genset models.

AVAILABE OPTIONS & ACCESSORIES
We offer a range of optional features and accessories to tailor our generating sets to meet your power needs.

OPTIONS
• A variety of generating set control and synchronizing panels
• Additional protection alarms and shutdowns
• Water fuel separator
• Water jacket heater
• Battery charger

ACCESSORIES
• Genuine spare parts
• Load banks
• Auxiliary fuel tanks
• Manual & automatic transfer switches

For further information on all of the standard and optional features accompanying this product please contact your local dealer or visit www.JubailiBros.com