



Ultimate Power Solution (FZC)

DATA SHEET

DIESEL GENERATOR SET
50Hz/1500 rpm

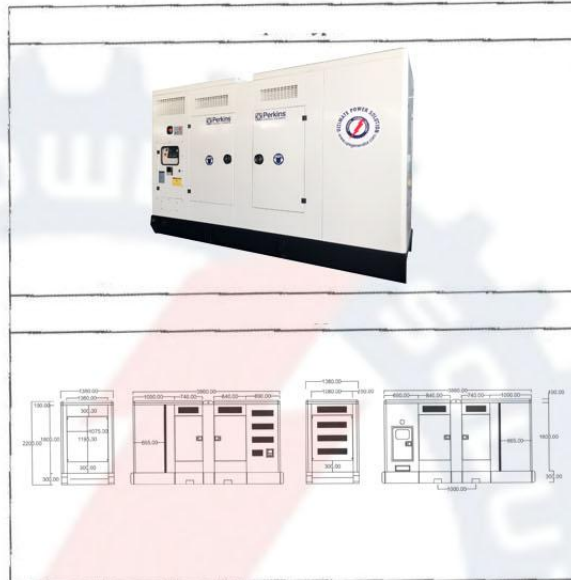
TP330

Standby power: 330KVA/264KW

Prime power: 300KVA/240KW

Standard features

- Engine : PERKINS , 1506A-E88TAG5
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROY SOMER LSA 4.7
- Single bearing alternator IP 23
- Insulation class H/H
- Radiator 50°C max with coolant cap
- Skid and vibration isolators
- Dry type air filter
- Main line circuit breaker
- 24V battery and cable
- Industrial muffler
- User's manual



Weight and Dimensions

GEN-SET-TP300	Dimensions (L X W X H)	Weight
Open type	3350mm X 1150mm X 1780mm	2790Kg
Silent type	3860mm X 1380mm X 2200mm	3965Kg

Generator Ratings

Voltage	Hz	Phase	Power factor	Standby AMP	Standby Rating (KVA/KW)	Prime Rating (KVA/KW)
400/230	50	3	0.8	477	330/264	300/240

Engine Data

Manufacturer/Model	PERKINS 1506A-E88TAG5 4-cycle
Cylinder /Arrangement	6 / L
Displacement	9.3 L
Bore and Stroke	116.6 mm X 146 mm
Compression ratio	17.2 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	297 KW
Frequency regulation , steady state	± 0.75 %
Governor : type	ECM

Exhaust System

Exhaust gas flow	0.41 kg/s
Exhaust temperature	410°C
Max back pressure	10 kPa

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Fuel System

Fuel consumption 100% (of the Prime Power)	61 L / h
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Oil system

Total oil capacity w/filters	36 L
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Air intake

Engine air flow	0.39 kg/s
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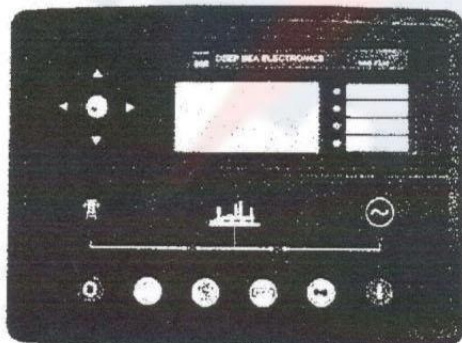
Coolant System

Radiator & engine capacity	30.9 L
Max water temperature	107°C
Thermostat	86-96°C

Generator Data

Manufacturer / Type	LEROY SOMER LSA 4.7
Number of phase power	3
Factor (Cos Phi)	0.8
Pole : number	4
Bearing : number	1
Coupling	Direct
Exciter type	Brushless SHUNT
Insulation : class , temperature rise	H / H
protection	IP23

Control panel



The DSE7320 is made by DEEPSEA in England and is a new control module for single gen-set applications, and it is an Automatic Start Control Module and is simple to operate, and the module includes USB, RS232 and RS485 for expansion device connectivity.

Specifications: Frequency meter, Ammeter, Voltmeter
Alarms and faults Oil pressure, water temperature, No start-up, Overspeed, Min/max alternator, Min/max battery voltage, Low fuel level, Emergency stop. Connect to VOLVO J1939.

Engine parameters: Hours counter, Oil pressure, Water, temperature, Engine speed, Battery voltage, Fuel level.

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