

EP3300 Diesel Generating Set

PRP Rating (60Hz)	Standby Rating (60Hz)	Dimensions (L×W×H mm)	Weights (kg)	Fuel Tank Capacity (L)
3750kVA/3000kW	4125kVA/3300kW	8290×3125×3220	32000	N/A

Standard Configuration	Test Condition and Standards
<ul style="list-style-type: none"> Engine (Baudouin) Channel Steel Base 24V Charging Alternator Control Panel 24V Starter Battery and Connect Cable Flexible Pipe, Exhaust Elbow, Industrial Silencer, etc. 	<ul style="list-style-type: none"> Ambient Temperature : ≤40°C Relative Humidity : ≤60%, Altitude : ≤1000m Engine: ISO3046, DIM6271, BS5514 Alternator: VDE0530, BS5000, NEMA MG21, IEC34.1 Generator: ISO8528, GB2820 Generator Documents O&M Manuals
<ul style="list-style-type: none"> Alternator (Leroy-Somer) 50°C Radiator Air Filter, Diesel Fuel Filter, Lube Oil Filter 	

Generating Set Output Rating

Voltage (V)	Hz	Phase	PF	Max. Current (A)	DCP (kVA/kW)	Standby (kVA/kW)
13800	60	3	0.8	172	3750/3000	4125/3300

Engine Technical Data

Model:	16M55G8D2/6	Rated. Power (kW):	3300
Induction System:	Turbo-charged, After Cooled	Displacement (L):	87.5
Cylinder Arrangement:	64°V, Four Cycle	Bore (mm) × Stroke (mm):	180×215
Number of Cylinders:	16	Compression Ratio:	16.5:1
Governor Type:	Electronic	Speed (RPM):	1800

Air System

Combustion Air Flow (m ³ /min):	249.3
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Exhaust System

Exhaust Gas Flow (m ³ /min):	832.1	Max. Back Pressure (kPa):	15
Exhaust Gas Temperature (°C):	≤550	Exhaust Outlet Size (mm):	2×φ280

Lubrication System

Total Oil Capacity (L):	500	Oil Consumption 100% Load (L/h):	1.7
Normal Oil Temperature (°C):	105	Recommended Oil:	API CH-4 15W/40

Cooling System

Cooling System Capacity (L):	860	Max. Coolant Temperature (°C):	112
Thermostat Operation Range (°C):	82~92	Radiator Drive Type:	Shaft Drive
Radiator Cooling Air Flow (m ³ /min):	2825	Radiator Power (kW):	136

Fuel System

Fuel Injection Pump:	High-pressure common rail	Recommended Fuel:	BS2869:1998 Class A2 Diesel
Fuel Consumption 100% Load (L/ h):	834	Fuel Consumption 110% Load (L/ h):	887

Engine Electrical System

Voltage:	24VDC
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Alternator Physical Data

Model:	LSA 54.2 ZL12	Rated Power (kVA):	4125
Phase:	3+1	No.of Bearings:	2
Excitation System:	AREP+PMI	AVR:	D550
Connection:	3P , Series Star	Insulation Class / Temp Rise:	H/H
Power Factor:	0.8	Wave form NEMA=TIF:	TIF:<50
Ingress Protection Rating:	IP23	Wave form IEC=THF:	THF:<2%
Winding Pitch:	5/6	Voltage Regulation:	≥±1%
Cooling Air (m ³ /s):	3.0	Efficiency:	96.6%

Option

Engine

- Jacket Water Heater
- Heavy Duty Air Filter
- 50°C Radiator
- Lube Oil Heater

Control Panel

- Auto Control Panel
- Intelligent Remote Control Panel
- Intelligent Paralleling Control Panel
- Buzzer, Space Heater Control Panel

Alternator

- Stamford
- Marathon
- Anti-condensation Heater
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ATS

- ATS (G+M)
- ATS (G+G)
- ATS (G+G+M)
- ATS Controller
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Accessory

- Hybrid Silencer
- Residential Silencer
- Daily Tank
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Canopy

- Soundproof (Container, Enclosure)
- Trailer
- Truck, Lighting Truck
- Container Protected
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Spare Parts

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|--|--|
| <input type="checkbox"/> 500h Spare Parts | <input type="checkbox"/> 2000h Spare Parts |
| <input type="checkbox"/> 1000h Spare Parts | <input type="checkbox"/> 3000h Spare Parts |
| <input type="checkbox"/> 1500h Spare Parts | <input type="checkbox"/> |

Warranty

The standby generating set is covered by a limited warranty for 12 months from the date of delivery to site or 1,000 operating hours, whichever occurs first.

This warranty excludes normal wear items and consumables, including air, fuel, and oil filters.

The warranty does not apply to damage caused by improper installation, misuse, or unauthorized service.

All warranty claims must be authorized in advance by ETAC Power.

