



# TESSARI ERLE EUW1000

## Product description:

### TESSARI ERLE EUW1000 SILENCED GENERATOR SET WITH AUTOMATIC CONTROL UNIT

Tessari ERLE EUW1000 is an 800 Kw generator set in continuous use, Baudouin diesel engine model 12M26G1100/S, Marelli MJB400MB4 alternator, silenced casing and residential muffler.

#### STANDARD SETTING STANDARD generating set Tessari ERLE EUW1000

Motor and Alternator with single-bearing coupling

Base in galvanized and powder-coated sheet steel

Tank with filling cap complete with mechanical level indicator and inspection and cleaning flange

Bonnet with sound-absorbing material CL. Bs-2,d0 with high noise absorption characteristics

Intake and fuel return connections to the engine

Liquid collection tank with drainage hole

Liquids (oil and antifreeze -35°C)

Electrical control panel with thermomagnetic switch

#### TECHNICAL DATA TESSARI GENSET ERLE EUW1000

Continuous power PRP cos?0,8: 1000 kVA / 800 kW

SBP stand-by power cos?0,8: 1100 kVA / 880 kW

Phases: 3F+N

Voltage: 400V

Rated current: 1443 A

Frequency / speed: 50 Hz / 1500 rpm

Sound pressure at 7m.: 70 dBA ± 3dB

Loadstep : 63.1%

Performance Class ISO 8528-5: G2

Tank capacity: 1000 lt.

#### CHARACTERISTICS ERLE EUW1000 WEAVING ALTERNATOR

Brand: MARELLI

Model: MJB 400 MB4



Poles: 4  
Phases: 3P+N  
Degree of Protection: 21  
Wraps: H  
Terminals: 6  
Electronic Voltage Reg.

#### ENGINE FEATURES ERLE EUW1000

Manufacturer: Baudouin  
Model: 12M26G1100/S  
Net power: PRP 800 kW  
Net power: SBP 880 kW  
Power supply: Diesel  
Number of cylinders: 12V  
Displacement: 31800 l  
Electric circuit voltage: 24V  
RPM Regulator: Electronic  
Engine oil consumption: 0.3% g/kWh  
Engine oil quantity: 113 l  
Engine antifreeze capacity: 148 l  
Comb. consumption 110% SBP: 226.9 l/h  
Comb. consumption 100%: PRP 205 l/h  
Comb. consumption 75%: PRP 154.1 l/h  
Comb. consumption 50%: PRP 105.7 l/h

#### Product features:

Phase: Three phase  
Maximum power three phase (KW): 880  
Continuous power three phase (KW): 800  
Maximum power three phase (KVA): 1100  
Continuous power three phase (KVA): 1000  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Sockets configuration: Terminal box  
Engine: BAUDOUIN 12M26G1100/S  
Emissions Regulations: Stationary Use  
Engine rpm (rpm): 1500  
Speed governor: Electronic  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 31800  
Number cylinders: 12



Cylinders' position: V 60°

Oil capacity (L): 113

Cooling: Coolant Liquid

Alternator: Marelli, brushless

Poles: 4

Protection degree: IP23

Fuel tank capacity (L): 1000

Consumption (L/h): 154 @ 75%

Running time (h): 6.5 at 75% of the load

Acoustic pressure: 70 dB(A)

Length (mm): 5450

Width (mm): 2230

Height (mm): 2620

Dry weight (Kg): 11200

Silenced: Yes

Super silenced: Yes

Brushes: No

PMG: No

Product type: Generator

ATS Switch device : Optional

Type of alternator: Constant Speed

Voltage regulator: AVR

Engine manufacturer: Perkins

