

Energetic independence



 **STUBELJ**

Series DEE L

Economical operation

Series DEE L



BASE FRAME

Steel construction - monobloc. Anti-vibration mounting to eliminate the vibration. Powder coated with primer and cover color. The base frame is designed to enable simple lifting and moving the generating set.



Heating of the fuel tank

FUEL TANK

The fuel tank is mounted on the inside of the base frame. Under the fuel tank, a collecting vessel is mounted, which prevents out-pouring of any liquid from the generating set into the environment. Equipped with all necessary connectors and sensors. Standard autonomy of the tank is 8-10 hours at 75% load. Additional freestanding double wall tanks and automation for pumping fuel on demand.



Additional fuel tanks

HOUSING

Sound-insulated housing, suitable for outdoor installation. Standard noise level of 72 dBA ± 3 dB at a distance of 7 m (lower sound levels on request). 4 large doors for easy access to the genset for maintenance and servicing. Powder coated housing with primer and cover color RAL7035 (other colors upon request).



Noise control absorber

CONTROL PANELS

Manual – includes a manual control unit (push button / key start type), main circuit breaker, differential protection and all auxiliary controls and alarms.
Automatic – includes an automatic control unit that starts the genset in case of mains failure (it can be started manually too), main circuit breaker, differential protection and all auxiliary controls and alarms, button for emergency stop, changeover genset / mains (ATS) on request.
Synchronization – automatic control cabinet for synchronization more generating sets and / or main electricity network and parallel operation. Additional and special control and switching cabinets for genset on demand.



Genset communication with control systems, mobile phone and e-mail



Automatic system for pumping fuel + pump



Service kit



Transport trailer

DEE Series

Genset for island operation, standby and parallel operation with the network and / or other genset. Standard equipment of the generating sets: engine cooling system, starter, alternator and exhaust silencer, alternator with automatic voltage regulator (AVR), base-frame with fuel tank and the collecting vessel, basic wiring, batteries, coolant and lubricating oil.

LOMBARDINI ENGINES

Diesel engines, 4-stroke, direct injection, naturally aspirated or turbocharged, suitable for continuous operation or standby operation. Lombardini diesel engines are technologically advanced and reliable. Engine manufacturer is investing heavily in the constant development of its products and ensures adequacy of all the highest standards. All the newer Lombardini engines are classified in engines class with the lowest emissions and lowest noise levels.

ALTERNATORS

The alternators are synchronous, three-phase, brushless, self-regulated, self-excited, self-ventilated and 4 pole. Insulation class H (temperature rise according to class F or B on request). Tropical impregnation for salty-humid environment is possible on request. Automatic voltage regulation. Protection class IP21 or IP23 (other class on request).



IPKONET base stations for mobile telephony – LDE 16 L

Stubelj has supplied 300 pieces of genset for base stations of mobile operator IPKO in Kosovo. Gensets work in various locations around Kosovo in different demanding operating conditions. Prepared specifically for power supply of base stations and adapted for installation in the container base station. Gensets meet all the requirements of the telecommunications (low radio interference, electromagnetic compatibility, G2 ...).

Genset type

Series DEE L					50 Hz - 400/230 V 3000 rpm		Overall dimensions and weights - GenSet without housing		Overall dimensions and weights - GenSet with housing (72±3 dBA - 7m)	
Type	Engine	Cylinders	Volume (cm ³)	Fuel consumption 75% load - g/kWh	Standby power (kVA)	Prime power (kVA)	LxWxH (mm)	Weight (kg)	DxŠxV (mm)	Weight (kg)
DEE 12	LDW 702	2	686	299	12	11	1250x700x850	200	1250x700x1150	270
DEE 17,5	LDW 1003	3	1028	258	17,5	15,9	1750x900x850	280	1750x900x1400	460
DEE 23,4	LDW 1404	4	1372	302	23,4	21,2	1750x900x580	295	1750x900x1400	485
DEE 28,7	LDW 1603	3	1649	280	28,7	26,1	1750x900x850	420	1750x900x1400	590
DEE 37,6	LDW 2204	4	2199	266	37,6	34,2	1750x900x1300	490	1750x900x1400	650

Warranty, service and maintenance

All our gensets have 12-month warranty. We offer fast and quality service, because we have properly trained service technicians and we use only original spare parts. We give guarantee even on our services and on spare parts.

