

TECHNICAL SPECIFICATION FOR 35 kVA TRAILER TYPE GENSET



Picture is indicative and may not reflect actual product. Scope and technical parameters of the product in question are presented below.

Generating set model	E35Kh5LST
Manufacturer	SIA "RĪGAS DĪZELIS DG" (Latvia)
Execution	In canopy, on trailer
Prime Power (PRP)	28 kW (35 kVA)
Standby Power (ESP)	30.8 kW (38.5 kVA)
Frequency	50 Hz
Voltage	3 phase, 400/230 V
Standards compliance	European Union directives: 2006/42/EB / EC, 2014/35 / EC, 2014/30 / EC, 2000/14/EB, ISO 8528-1, ISO 8528-5, ISO 8528-13.4.3
Governing standards	G3
Emission class	Stage V
Operating environment	-30°C to +30 °C
Approx. dimensions (without trailer)	2100 x 950 x 1350 (H) mm
Approx. weight (filled with all liquids & including trailer)	~1850 kg

Engine	KDI-TCR 1903E5/15 Kohler (Italy)
Number of cylinders	L-3
Speed	1500 RPM
Cooling system	Radiator type
Fuel system	Common-rail system with 2000 bar high-pressure fuel pump, fuel solenoid-injectors (4 pcs.) electronically controlled
Starting system	Electric starter with starting batteries, charging alternator on engine
Exhaust system	Flexible compensator, DOC-DPF unit and silencer (integrated inside the canopy)
Fuel consumption at 100% load	8.9 l/h
Fuel consumption at 75% load	6,5 l/h
Alternator	TAL 042D Leroy Somer (France), or EU Top brand analog
Execution	Single bearing, self-excited, brushless, with AVR
Protection class	IP23
Insulation class	H
Control panel	Based on microprocessor controller (With indication for voltage, current, active energy used in kWe/h, running hours, and others)
Genset/engine protection	Low oil pressure, high coolant temperature, over-speed, thermal overload, with warning signals and automatic switch-of
Panel protection class	IP65
Emergency stop button	+
Canopy	Weather proof, "SILENT" type, with lockable service doors
Noise level, dBA at 7 m	65
Built in frame fuel tank capacity	450 L
Color	RAL 7035
Sockets	230V 16A 1L/N/PE, 400V 32A 3L/N/PE and 400V 63A 3L/N/PE, with a protection class of at least IP44 (installed in the external part of the canopy).
Trailer	Trailer category O2
Coupling mechanism	50 mm ball
Draw bar hitch	V-beam, welded and hot-dip galvanized
Number of axes	Two-axle
Brakes (in accordance to actual requirements for trailers in Lithuania)	Mechanical
Wheels	155r13C M+S
Connection to the vehicle	12V, 13 pin
Color	Hot galvanized
Spare wheel	+
Registration in Road Police office	Registration of Trailer Generator with road authorities (Not only separate trailer)
Documentation	
Operational manual for complete generating set	+ (in English languages)
Operation manuals for engine end alternator	+ (in English language)
Spare parts catalogs	+ (in English language)
CE certificate of conformity	+
Factory test report	+



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