



### Technical specification 1EA2-5KhM-N

#### TECHNICAL SPECIFICATION FOR DC 2-5 kW PORTABLE DIESEL ELECTRIC GENERATOR

Generating set model	1EA2KhM-N	1EA5KhM-N
Manufacturer	SIA "RĪGAS DĪZELIS DG"	
Execution	Open frame with soundproof panels	
Operation temperatures:	-20 °C + 40 °C	
Current characteristics	DC, single-phase	
Rated voltage, V	28	
Rated current, A	60-70	185-200
Rated Power, kW	Approx. 1,9	Approx. 5,0
Hourly fuel consumption at rated power, l/h	1,1	2,5
Oil consumption per hour at rated power, l/h	0,0021	0,006
Dimensions, mm	650x437x465(H)	650 x 450 x 520(H)
Weight dry, kg	74	110
<b>Diesel Engine</b>	<b>15LD225, Lombardini / Kohler</b>	<b>KD 15-500 Kohler</b>
Number of cylinders	1	
Crankshaft speed, rpm	3600	
Cooling system	air	
Starting system	manual	
Fuel tank capacity, l	10	10
Oil sump capacity, l	0.9	1,5
Fuel	According to EN590	
<b>Alternator DC</b>	<b>80 A</b>	<b>260 A</b>
Protection class	IP54	
<b>Control panel</b>	<b>Ammeter, Voltmeter, Power switch, Engine hour viewer, Socket, Empty socket</b>	
Protection	IP65	
Noise level	(75÷85) dBA at 7 m	
Color	RAL 6003, 6031 or other Customer' selected	
Set of standard tools for maintenance	+	

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<b>Documentation</b>	
Operational manual for complete generating set	+ (in Customer's and/or English languages)
Spare parts catalogs	+ (in English language)
Package of design documentation (drawings, diagrams, etc.)	+ (in English language)
Factory test report	+
Warranty	24 months from delivery (but not more than 1000 operating hours)

<b>Options</b>	
1	Cover for a product made of special fabric
2	Special cable for genset connection with Customer's connection box
3	Set of filters for maintenance for 500 or 1000 operating hours
4	Exhaust piping system under Customer's request



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