

# DEUTZ ENGINES



*DEUTZ is one of the largest independent manufacturers of diesel engines. With a long history of more than 145 years. Deutz produces engines whose reliability and economy enjoy a legendary global reputation. DEUTZ combine modern technology and materials, with the highest quality, reliability, dependability and durability. Through years of research of its own Scientific Design engineers, DEUTZ managed to create Engines, in which the concept of efficiency and environmental friendliness are at the ideal ratio. Deutz Engines successfully operate in the most adverse conditions with maximum loads without reducing the service life time. As a result reduces the users operating costs.*

*Power's Systems DEUTZ Engines consume minimum fuel. Therefore, the German brand Deutz is one of the most economical cost ratio for the production of 1 kWh of electricity. It also meets the strictest environmental safety requirements.*





**TECHNICAL DATA:**

MODEL		RID 15 S-SERIES	RID 15 S-SERIES S	RID 20 S-SERIES	RID 20 S-SERIES S
Version		open skid	silent	open skid	silent
<b>Order number Generator</b>		<b>713304</b>	<b>713306</b>	<b>713450</b>	<b>713451</b>
Order number Generator with ATS		713305	713307	713452	713453
Order number Generator external ATS		728306	728306	728306	728306
Nom. output P.R.P. (cos = 0,8)	kVA/kW	15 / 12		20 / 16	
Nom. total current (cos = 0,8)	A	21,7		29	
Voltage	V	230 / 400		230 / 400	
Frequency	Hz	50		50	
Dimensions (L x W x H)	mm	1500x752x1160	1500x782x1246	1500x752x1160	1500x782x1246
Weight	kg	460	650	550	700
Noise level	dB(A)	78	61	80	62
Fuel tank capacity	l	150		150	
<b>Engine</b>	<b>Deutz</b>	<b>F3M2011</b>		<b>F3M2011</b>	
Speed range	rpm	1500		1500	
Speed governor		mechanical		mechanical	
Fuel		diesel		diesel	
Cooling system		Oil + air		Oil + air	
Displacement	l	2,3		2,3	
Engine output	kW	20,4		20,4	
Starter	V	12		12	
Oil type (recommended)		RID-Deutz 5W30		RID-Deutz 5W30	
Engine oil volume	l	9		9	
Fuel consumption load 100/75%	l/h	5,2 / 3,7		5,8 / 4,2	
<b>Generator</b>		<b>synchronous</b>		<b>synchronous</b>	
Isolation type		H		H	
Protection class		IP 23		IP 23	
<b>Maintenance interval</b>		<b>1000 operating hours</b>			

OPTIONS (description - page 44)	ORDER NUMBER			
Oil preheating	715076	715076	715076	715076
Fuel filter / water separator	754016	754016	754016	754016
External fuel tank 720 / 1000 L	718000 / 718010	718000 / 718010	718000 / 718010	718000 / 718010
Automatic fuel refilling system	on request	on request	on request	on request
Battery charger	733339	733339	733339	733339
RID LTE Modem	on request	on request	on request	on request
RID overvoltage protection	734033	734033	734033	734033