

Diesel Generator Sets

Generator set		RDE6500Ti	RDE8500Ei	RDE8700Ti
Rated frequency	Hz	50	50	50
Rated power	kVA	4.5	6.0	6.0
Max. power	kVA	5.0	6.6	6.6
Rated voltage	V	240	240	240
Rated current	A	18.75	25	25
Rated rotation speed	r/min	3000	3000	3000
Generator				
Pole No.		2	2	2
Phase number		Single phase	Single phase	Single phase
Excitation mode		Self-exciation and constant voltage(with i-AVR)	Self-exciation and constant voltage(with i-AVR)	
Power factor	COSΦ	1.0	1.0	1
Insulation grade		F	F	F
Engine				
Engine type		RD186FAGET	RD192FGET	RD192FGET
Structure type		Single-cylinder, vertical, 4-stroke, air-cooled, direct-injected	Single-cylinder, vertical, 4-stroke, air-cooled, direct-injected	Single-cylinder, vertical, 4-stroke, air-cooled, direct-injected
Bore x stroke	mm	86×72	92×75	92×75
Displacement	L	0.418	0.499	0.499
Compression ratio		19 : 1	19 : 1	19 : 1
Rated power	kW	5.7	7.6	7.6
Lubrication system		Pressure splashed	Pressure splashed	Pressure splashed
Lube oil brand		Above CD or SAE 10W-30, 15W-40	Above CD or SAE 10W-30, 15W-40	Above CD or SAE 10W-30, 15W-40
Lube capacity	L	1.65	1.65	1.65
Starting system		12V Electric starter	12V Electric starter	12V Electric starter
Charging generator capacity	V-Ah	12V 36Ah	12V 36Ah	12V 36Ah
Fuel consumption ratio	g/kW.h	260.8	260	260
Fuel type		Diesel : 0# (summer), -10# (winter), -35# (chillness)	Diesel : 0# (summer), -10# (winter), -35# (chillness)	
Genset				
Panel type		Monitor+2*32A British sockets+Air breaker protector	Monitor+2*32A British sockets+Air breaker protector	
Output	Receptacle	2-Single phase	2-Single phase	2-Single phase
	Connection pole	without	without	without
Nosie level(7m)	dB(A)	72	77	72
Fue tank capacity	L	15	13.5	15
Overall dimensions	mm	910×530×740	720×492×655	980×530×740
Net weight	kg	145	130	175