

## 25 kVA - 415 kVA

### ENGINE

- G-Drive Series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12 / 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine jacket water heater (In automatic models)
- Maintenance and operating instructions

### ALTERNATOR

- Brushless, single bearing
- H Class insulation type
- IP21-23 Protection class
- Self exciter
- Automatic voltage regulator
- 2/3 Pitch factor windings
- 4 Poles

### AUTOMATIC CONTROL PANEL

- LCD display screen
- Hardware and materials needed
- Battery charger
- USB port & RS-485 output

### QUALITY STANDARD DIRECTIVES

- 2006/42/EC (Machinery Directive)
- 2014/30/EC (EMC Directive)
- 2014/35/EC (Low Voltage Directive)
- 2000/14/EC (Noise Emission Directive)

### CANOPY / CONTAINER

- Modular type sound-proof canopy / container
- Easy installation type without welding canopy
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

### PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start / stop failure

### OPTIONAL EQUIPMENTS

- Charge ampmeter
- Circuit breakers (In automatic models)
- Residential / Critical type silencer
- Sound-proof canopy or container
- Mobile trailer and truck installation
- Synchronization panel for 2-32 gensets
- 3 pole / 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Anticondensation heater
- Fuel automation systems
- Different IP and Insulation class alternator
- PMG

### INTERNATIONAL QUALITY STANDARD

- EN12601, EN60204, EN12100, EN61000, EN55011
- TS ISO 8528, TS ISO 3744, TS ISO 3746, TS ISO 13857
- EN60034, EN55014, ISO 3046, BS5000, IEC 60034
- VDE 0530, BSE 4999, EN60335, IEC 2015:EC8 2004



Easy maintenance canopy design



Refilling from the outside of the canopy



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender

MODEL				N RC XX 0025	N RC XX 0035	N RC XX 0041	
GROUP	GEN-SET POWER	STAND BY	kVA	25	35	41	
			kW	20	28	33	
		PRIME	kVA	23	30	37	
			kW	18	24	30	
	CANOPY DIMENSION (W x L x H) mm				2350 x 1000 x 1250	2350 x 1000 x 1250	2650 x 1000 x 1350
	CANOPY WEIGHT kg				1050	1160	1230
	OPEN DIMENSION (W x L x H) mm				2000 x 1000 x 1200	2000 x 1000 x 1200	2200 x 1000 x 1350
	OPEN WEIGHT				750	850	920
ENGINE	BRAND			RICARDO	RICARDO	RICARDO	
	TYPE			ZH4100D	ZH4100D	ZH4100ZD	
	POWER	STAND BY	kW	N/A	N/A	N/A	
		PRIME	kW	N/A	N/A	N/A	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			3,61	3,61	3,61	
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	4 IN LINE	
	BORE x STROKE (mm x mm)			100 x 115	100 x 115	100 x 115	
	COMPRESSION RATIO			17:1	17:1	17:1	
	GOVERNOR TYPE			MECHNICAL			
	INDUCTION			NATURAL	TURBOCHARGED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		8,56	10,2	12	
		%75 PRIME POWER		6,42	8	10	
%50 PRIME POWER		4,28	4,9	5,2			
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			13	13	13		
TOTAL COOLANT CAPACITY (lt)			17	17	17		
FUEL TANK CAPACITY (lt)			112	122	122		

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MODEL				N RC XX 0055	N RC XX 0075	N RC XX 0090	
GROUP	GEN-SET POWER	STAND BY	kVA	55	75	90	
			kW	44	60	72	
		PRIME	kVA	50	68	81	
			kW	40	54	65	
	CANOPY DIMENSION (W x L x H) mm				2650 x 1000 x 1350	3000 x 1300 x 1800	3200 x 1300 x 1800
	CANOPY WEIGHT kg				1280	1450	1820
	OPEN DIMENSION (W x L x H) mm				2200 x 1000 x 1350	2450 x 1000 x 1400	2650 x 1100 x 1600
	OPEN WEIGHT				970	1050	1420
ENGINE	BRAND			RICARDO	RICARDO	RICARDO	
	TYPE			ZH4105ZD	R4105AZD	R4110IZLD	
	POWER	STAND BY	kW	N/A	N/A	N/A	
		PRIME	kW	N/A	N/A	N/A	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			3,98	4,33	5,13	
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	4 IN LINE	
	BORE x STROKE (mm x mm)			105 x 125	105 x 125	110 x 135	
	COMPRESSION RATIO			17:1	17:1	17:1	
	GOVERNOR TYPE			MECHNICAL			
	INDUCTION			NATURAL	TURBOCHARGED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		14	16	19	
		%75 PRIME POWER		10	11,2	14,5	
%50 PRIME POWER		7,4	7,5	9			
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			13	13	13		
TOTAL COOLANT CAPACITY (lt)			17	17	20		
FUEL TANK CAPACITY (lt)			126,4	136	136		

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MODEL				N RC XX 00110	N RC XX 00125	N RC XX 00150	
GROUP	GEN-SET POWER	STAND BY	kVA	110	125	150	
			kW	88	100	120	
		PRIME	kVA	100	115	135	
			kW	80	92	108	
	CANOPY DIMENSION (W x L x H) mm				3650 x 1300 x 1800	3650 x 1300 x 1800	3650 x 1300 x 1800
	CANOPY WEIGHT kg				2350	2350	2600
	OPEN DIMENSION (W x L x H) mm				2650 x 1100 x 1600	2650 x 1100 x 1600	2800 x 1100 x 1800
	OPEN WEIGHT				1750	1750	2200
ENGINE	BRAND			RICARDO	RICARDO	RICARDO	
	TYPE			R6105IZD	R6105AZLD	R6105AZLD	
	POWER	STAND BY	kW	92,4	121	132	
		PRIME	kW	84,0	110	120	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			6,49	6,75	7,01	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			105 x 125	105 x 130	105 x 135	
	COMPRESSION RATIO			16:1	16:1	16:1	
	GOVERNOR TYPE			MECHANICAL			
	INDUCTION			TURBOCHARGED	TURBOCHARGED	TURBOCHARGED	
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		24	32	34	
		%75 PRIME POWER		18	24	26	
		%50 PRIME POWER		12	15	17	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			15	15	15		
TOTAL COOLANT CAPACITY (lt)			25	25	25		
FUEL TANK CAPACITY (lt)			185	185	185		

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MODEL				N RC XX 00165	N RC XX 00175	N RC XX 00200	
GROUP	GEN-SET POWER	STAND BY	kVA	165	175	200	
			kW	132	140	160	
		PRIME	kVA	150	160	180	
			kW	120	128	144	
	CANOPY DIMENSION (W x L x H) mm				3200 x 1100 x 1850	3200 x 1100 x 1850	3650 x 1300 x 1800
	CANOPY WEIGHT kg				1700	1700	2900
	OPEN DIMENSION (W x L x H) mm				2800 x 1100 x 1700	2800 x 1100 x 1700	2800 x 1100 x 1800
	OPEN WEIGHT				1500	1500	1800
ENGINE	BRAND			RICARDO	RICARDO	RICARDO	
	TYPE			R6105IZLD	R6105IZLD	R6108IZLD	
	POWER	STAND BY	kW	N/A	N/A	165	
		PRIME	kW	N/A	N/A	150	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			6,7	6,7	7,69	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			115 x 130	115 x 130	108 x 135	
	COMPRESSION RATIO			16:1	16:1	16:1	
	GOVERNOR TYPE			MECHANICAL			
	INDUCTION			NATURAL	TURBOCHARGED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		24	32	34	
		%75 PRIME POWER		18	24	25	
		%50 PRIME POWER		12	15	17	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			15	15	15		
TOTAL COOLANT CAPACITY (lt)			25	25	25		
FUEL TANK CAPACITY (lt)			185	185	185		

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MODEL				N RC XX 00220	N RC XX 00250	N RC XX 00275	
GROUP	GEN-SET POWER	STAND BY	kVA	220	250	275	
			kW	176	200	220	
		PRIME	kVA	200	225	250	
			kW	160	180	200	
	CANOPY DIMENSION (W x L x H) mm				4300 x 1600 x 2200	4300 x 1600 x 2200	4300 x 1600 x 2200
	CANOPY WEIGHT kg				4320	4370	4550
	OPEN DIMENSION (W x L x H) mm				34000 x 1250 x 2000	3400 x 1250 x 2000	3400 x 1400 x 2000
	OPEN WEIGHT				3460	3510	3580
ENGINE	BRAND			RICARDO	RICARDO	RICARDO	
	TYPE			R6113ZLD	R6126ZLD	R6126ZLD	
	POWER	STAND BY	kW	N/A	N/A	N/A	
		PRIME	kW	N/A	N/A	N/A	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			7,82	9,726	9,726	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			110 x 135	110 x 135	110 x 135	
	COMPRESSION RATIO			16:1	16:1	16:1	
	GOVERNOR TYPE			MECHANICAL			
	INDUCTION			NATURAL	TURBOCHARGED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		45,8	48,6	55,5	
		%75 PRIME POWER		34,3	35,7	41,6	
%50 PRIME POWER		22,9	23,5	28,9			
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			16,5	41	41		
TOTAL COOLANT CAPACITY (lt)			21	29,6	29,6		
FUEL TANK CAPACITY (lt)			380	585	585		

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MODEL				N RC XX 00300	N RC XX 00340	N RC XX 00415	
GROUP	GEN-SET POWER	STAND BY	kVA	300	340	415	
			kW	240	272	332	
		PRIME	kVA	270	310	370	
			kW	216	248	296	
	CANOPY DIMENSION (W x L x H) mm				5000 x 1800 x 1200	5000 x 1800 x 1200	5000 x 1800 x 1200
	CANOPY WEIGHT kg				4770	4770	5430
	OPEN DIMENSION (W x L x H) mm				3800 x 1400 x 2000	3800 x 1400 x 2000	3800 x 1400 x 2000
	OPEN WEIGHT				3620	3620	4280
ENGINE	BRAND			RICARDO	RICARDO	RICARDO	
	TYPE			6126AZLD	6126IZLD	6126BZLD	
	POWER	STAND BY	kW	N/A	N/A	N/A	
		PRIME	kW	N/A	N/A	N/A	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			11,596	11,596	11,596	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			126 x 155	126 x 155	126 x 155	
	COMPRESSION RATIO			16:1	16:1	16:1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		49,23	62	89	
		%75 PRIME POWER		37,4	51	66	
		%50 PRIME POWER		29,8	35	44	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			20	20	33		
TOTAL COOLANT CAPACITY (lt)			50	50	46		
FUEL TANK CAPACITY (lt)			240	240	240		

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