

### 35 kVA - 70 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 0035	N RC XX 0050	N RC XX 0070	
GROUP	GEN-SET POWER	STAND BY	kVA	35	50	70	
			kW	28	40	56	
		PRIME	kVA	32	45	65	
			kW	26	36	52	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2450 x 1610	1000 x 2450 x 1610	1000 x 2880 x 1610
	CANOPY WEIGHT kg				845	910	1150
	OPEN DIMENSION (W x L x H) mm				1000 x 2050 x 1430	1000 x 2050 x 1465	1000 x 2400 x 1510
	OPEN WEIGHT				650	715	930
ENGINE	BRAND			RICARDO	RICARDO	RICARDO	
	TYPE			K4100D	K4100ZD	R4105ZD	
	POWER	STAND BY	kW	33	45	73	
		PRIME	kW	30	41	66	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			3,61	3,61	4,33	
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	4 IN LINE	
	BORE x STROKE (mm x mm)			100 x 115	100 x 115	105 x 125	
	COMPRESSION RATIO			19:1	19:1	17:1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			NATURAL	TURBOCHARGED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		9,21	12,2	15,02	
		%75 PRIME POWER		6,75	9,05	11,41	
		%50 PRIME POWER		4,6	6,1	7,66	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			14	14	16		
TOTAL COOLANT CAPACITY (lt)			18	18	24		
FUEL TANK CAPACITY (lt)			132	132	180		

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.

## 35 kVA - 165 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, IBC 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 0035	N RC XX 0050	N RC XX 0070	
GROUP	GEN-SET POWER	STAND BY	kVA	35	50	70	
			kW	28	40	56	
		PRIME	kVA	32	45	65	
			kW	26	36	52	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2450 x 1610	1000 x 2450 x 1610	1000 x 2880 x 1610
	CANOPY WEIGHT kg				845	910	1150
	OPEN DIMENSION (W x L x H) mm				1000 x 2050 x 1430	1000 x 2050 x 1465	1000 x 2400 x 1510
	OPEN WEIGHT				650	715	930
ENGINE	BRAND			RICARDO	RICARDO	RICARDO	
	TYPE			K4100D	K4100ZD	R4105ZD	
	POWER	STAND BY	kW	33	45	73	
		PRIME	kW	30	41	66	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			3,61	3,61	4,33	
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	4 IN LINE	
	BORE x STROKE (mm x mm)			100 x 115	100 x 115	105 x 125	
	COMPRESSION RATIO			19:1	19:1	17:1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			NATURAL	TURBOCHARGED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		9,21	12,2	15,02	
		%75 PRIME POWER		6,75	9,05	11,41	
		%50 PRIME POWER		4,6	6,1	7,66	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			14	14	16		
TOTAL COOLANT CAPACITY (lt)			18	18	24		
FUEL TANK CAPACITY (lt)			132	132	180		

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MODEL				N RC XX 0082	N RC XX 0094	N RC XX 0110	
GROUP	GEN-SET POWER	STAND BY	kVA	82	94	110	
			kW	65,6	75	88	
		PRIME	kVA	75	85	100	
			kW	60	68	80	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2880 x 1610	1000 x 2880 x 1610	1050 x 3180 x 1870
	CANOPY WEIGHT kg				1175	1225	1510
	OPEN DIMENSION (W x L x H) mm				1000 x 2400 x 1510	1000 x 2400 x 1510	1050 x 2700 x 1550
	OPEN WEIGHT				955	1005	1270
ENGINE	BRAND			RICARDO	RICARDO	RICARDO	
	TYPE			R4105ZD	4105IZLD	R6105ZD	
	POWER	STAND BY	kW	73	85	110	
		PRIME	kW	66	78	100	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			4,33	4,33	6,49	
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			105 x 125	105 x 125	105 x 125	
	COMPRESSION RATIO			17:1	17:1	17:1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED	TURBOCHARGED	
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		17,6	20,8	23,4	
		%75 PRIME POWER		13,02	15,8	17,32	
		%50 PRIME POWER		8,97	10,6	11,46	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			16	16	19		
TOTAL COOLANT CAPACITY (lt)			24	26	25		
FUEL TANK CAPACITY (lt)			180	180	280		

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MODEL				N RC XX 0125	N RC XX 0150	N RC XX 0165	
GROUP	GEN-SET POWER	STAND BY	kVA	125	150	165	
			kW	100	120	132	
		PRIME	kVA	115	136	150	
			kW	92	109	120	
	CANOPY DIMENSION (W x L x H) mm				1050 x 3180 x 1870	1050 x 3180 x 1870	1050 x 3580 x 1870
	CANOPY WEIGHT kg				1535	1625	1665
	OPEN DIMENSION (W x L x H) mm				1050 x 2700 x 1550	1050 x 2700 x 1690	1050 x 3100 x 1710
	OPEN WEIGHT				1290	1385	1405
ENGINE	BRAND			RICARDO	RICARDO	RICARDO	
	TYPE			R6105ZD	R6105AZLD	R6105IZLD	
	POWER	STAND BY	kW	110	131	144	
		PRIME	kW	100	119	130	
	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			17:1	17:1	17:1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		26,6	30,8	33,73	
		%75 PRIME POWER		20,26	23,47	25,63	
		%50 PRIME POWER		13,83	15,70	17,20	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			19	19	19		
TOTAL COOLANT CAPACITY (lt)			25	40	40		
FUEL TANK CAPACITY (lt)			280	280	380		

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## 82 kVA - 110 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 0082	N RC XX 0094	N RC XX 0110	
GROUP	GEN-SET POWER	STAND BY	kVA	82	94	110	
			kW	65,6	75	88	
		PRIME	kVA	75	85	100	
			kW	60	68	80	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2880 x 1610	1000 x 2880 x 1610	1050 x 3180 x 1870
	CANOPY WEIGHT kg				1175	1225	1510
	OPEN DIMENSION (W x L x H) mm				1000 x 2400 x 1510	1000 x 2400 x 1510	1050 x 2700 x 1550
	OPEN WEIGHT				955	1005	1270
ENGINE	BRAND			RICARDO	RICARDO	RICARDO	
	TYPE			R4105ZD	4105IZLD	R6105ZD	
	POWER	STAND BY	kW	73	85	110	
		PRIME	kW	66	78	100	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			4,33	4,33	6,49	
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			105 x 125	105 x 125	105 x 125	
	COMPRESSION RATIO			17:1	17:1	17:1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED	TURBOCHARGED	
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		17,6	20,8	23,4	
		%75 PRIME POWER		13,02	15,8	17,32	
		%50 PRIME POWER		8,97	10,6	11,46	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			16	16	19		
TOTAL COOLANT CAPACITY (lt)			24	26	25		
FUEL TANK CAPACITY (lt)			180	180	280		

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## 125 kVA - 165 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, IBC 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 0125	N RC XX 0150	N RC XX 0165	
GROUP	GEN-SET POWER	STAND BY	kVA	125	150	165	
			kW	100	120	132	
		PRIME	kVA	115	136	150	
			kW	92	109	120	
	CANOPY DIMENSION (W x L x H) mm				1050 x 3180 x 1870	1050 x 3180 x 1870	1050 x 3580 x 1870
	CANOPY WEIGHT kg				1535	1625	1665
	OPEN DIMENSION (W x L x H) mm				1050 x 2700 x 1550	1050 x 2700 x 1690	1050 x 3100 x 1710
	OPEN WEIGHT				1290	1385	1405
ENGINE	BRAND			RICARDO	RICARDO	RICARDO	
	TYPE			R6105ZD	R6105AZLD	R6105IZLD	
	POWER	STAND BY	kW	110	131	144	
		PRIME	kW	100	119	130	
	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			17:1	17:1	17:1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		26,6	30,8	33,73	
		%75 PRIME POWER		20,26	23,47	25,63	
		%50 PRIME POWER		13,83	15,70	17,20	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			19	19	19		
TOTAL COOLANT CAPACITY (lt)			25	40	40		
FUEL TANK CAPACITY (lt)			280	280	380		

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