

## 220 kVA - 275 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 PR XX 0220	N PR XX 0250	N PR XX 0275	
GROUP	GEN-SET POWER	STAND BY	kVA	220	250	275	
			kW	176	200	220	
		PRIME	kVA	200	230	250	
			kW	160	184	200	
	CANOPY DIMENSION (W x L x H) mm				1050 x 3580 x 1870	1150 x 3820 x 2460	1150 x 3820 x 2460
	CANOPY WEIGHT kg				1940	2500	2515
	OPEN DIMENSION (W x L x H) mm				1050 x 3100 x 1650	1150 x 3340 x 1900	1150 x 3340 x 1900
	OPEN WEIGHT				1680	2200	2220
ENGINE	BRAND			PERKINS	PERKINS	PERKINS	
	TYPE			1106A - 70TAG4	1506A - E88TAG2	1506A - E88TAG3	
	POWER	STAND BY	kW	191,3	223	245	
		PRIME	kW	173,9	201	223	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			7,01	8,8	8,8	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			105 x 135	112 x 149	112 x 149	
	COMPRESSION RATIO			16:01	16,1 : 1	16,1 : 1	
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED			
	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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