

825 kVA - 1002 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 60335-1:2004



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 0825	N PR XX 0900	N PR XX 1002
GROUP	GEN-SET POWER	STAND BY	kVA	825	900	1002
			kW	660	720	802
		PRIME	kVA	750	800	911
			kW	600	640	729
	CANOPY DIMENSION (W x L x H) mm			1900 x 5250 x 3330	1900 x 5250 x 3330	2200 x 5550 x 3300
	CANOPY WEIGHT kg			6525	6835	9635
	OPEN DIMENSION (W x L x H) mm			1900 x 5000 x 2395	1900 x 5000 x 2395	2200 x 5300 x 2640
	OPEN WEIGHT			5180	5490	8090
	CONTAINER DIMENSION (W x L x H) mm			1900 x 5290 x 3640	1900 x 5290 x 3640	2200 x 5300 x 3390
	CONTAINER WEIGHT kg			8100	8100	9700
ENGINE	BRAND			PERKINS	PERKINS	PERKINS
	TYPE			4006 - 23TAG2A	4006 - 23TAG3A	4008TAG1A
	POWER	STAND BY	kW	695	760	855
		PRIME	kW	632	679	778
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			22,921	22,921	30,561
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	8 IN LINE
	BORE x STROKE (mm x mm)			160 x 190	160 x 190	160 x 190
	COMPRESSION RATIO			13,6 : 1	13,6 : 1	13,6 : 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		161,00	172,00	195,00
		%75 PRIME POWER		122,00	130,00	143,00
		%50 PRIME POWER		83,00	90,00	98,00
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			113,4	113,4	153
	TOTAL COOLANT CAPACITY (lt)			105	105	149
	FUEL TANK CAPACITY (lt)			1400	1400	2000

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