

825 kVA - 1002 kVA Medium Voltage Generator Series

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
- Medium Voltage Output Level 3,3 kV 6,3 kV 11 kV and 15 kV
- 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 825 MVXX	N PR XX 0900 MVXX	N PR XX 1002 MVXX
GROUP	GEN-SET POWER	STAND BY	kVA	825	900	1002
			kW	660	720	802
		PRIME	kVA	750	800	911
			kW	600	640	729
	OUTPUT VOLTAGE (VAC)			3300, 6300, 11000, 15000	3300, 6300, 11000, 15000	3300, 6300, 11000, 15000
	CANOPY DIMENSION (W x L x H) mm			1900 x 5250 x 3330	1900 x 5250 x 3330	2200 x 5550 x 3300
	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 / CANOPY WEIGHT kg			5180 / 6525	5490 / 6835	8090 / 9635
	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

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

