

1125 kVA - 1375 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 1125 MVXX	N PR XX 1250 MVXX	N PR XX 1375 MVXX
GROUP	GEN-SET POWER	STAND BY	kVA	1125	1250	1375
			kW	900	1000	1100
		PRIME	kVA	1022	1125	1250
			kW	818	900	1000
	OUTPUT VOLTAGE (VAC)			3300, 6300, 11000, 15000	3300, 6300, 11000, 15000	3300, 6300, 11000, 15000
	CANOPY DIMENSION (W x L x H) mm			2200 x 5550 x 3300	2200 x 5550 x 3300	N/A
	OPEN DIMENSION (W x L x H) mm			2200 x 5300 x 2640	2200 x 5300 x 2640	2200 x 5350 x 2750
	OPEN WEIGHT / CANOPY WEIGHT kg			8450 / 9995	8480 / 10025	8080 / N/A
	CONTAINER DIMENSION (W x L x H) mm			2200 x 5300 x 3390	2200 x 5300 x 3390	N/A
	CONTAINER WEIGHT kg			9800	9800	N/A
ENGINE	BRAND			PERKINS	PERKINS	PERKINS
	TYPE			4008TAG2A	4008-30TAG3	4012 - 46TAG0A
	POWER	STAND BY	kW	958	1055	1158
		PRIME	kW	872	947	1053
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			30,561	30,561	45,842
	NUMBER OF CYLNDERS			8 IN LINE	8 IN LINE	12 - 60° V
	BORE x STROKE (mm x mm)			160 x 190	160 x 190	160 x 190
	COMPRESSION RATIO			13,6 : 1	13,1 : 1	13:1
	GOVERNOR TYPE			ELECTRONIC		
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		215,00	244,00	259,00
		%75 PRIME POWER		162,00	188,00	199,00
		%50 PRIME POWER		111,00	120,00	139,00
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			153	153	177
	TOTAL COOLANT CAPACITY (lt)			149	140	210
	FUEL TANK CAPACITY (lt)			2000	2000	2500

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