

## 630 kVA - 700 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 0630	N PR XX 0650	N PR XX 0700	
GROUP	GEN-SET POWER	STAND BY	kVA	630	650	700	
			kW	504	520	560	
		PRIME	kVA	591	591	650	
			kW	472,8	472,8	520	
	CANOPY DIMENSION (W x L x H) mm				1700 x 4400 x 2750	1700 x 4400 x 2750	1700 x 4400 x 2750
	CANOPY WEIGHT kg				4620	4620	4760
	OPEN DIMENSION (W x L x H) mm				1700 x 3600 x 2250	1700 x 3600 x 2250	1700 x 3600 x 2250
	OPEN WEIGHT				4070	4070	4210
ENGINE	BRAND			PERKINS	PERKINS	PERKINS	
	TYPE			2806A - E18TAG1A	2806A - E18TAG1A	2806A - E18TAG2	
	POWER	STAND BY	kW	574	574	609	
		PRIME	kW	522	522	565	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			18,1	18,1	18,1	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			145 x 183	145 x 183	145 x 183	
	COMPRESSION RATIO			14,5 : 1	14,5 : 1	14,5 : 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		123,00	123,00	132,00	
		%75 PRIME POWER		90,00	90,00	97,00	
		%50 PRIME POWER		61,00	61,00	66,00	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			62	62	62		
TOTAL COOLANT CAPACITY (lt)			61	61	61		
FUEL TANK CAPACITY (lt)			1100	1100	1100		

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